JVC

SERVICE MANUAL

PORTABLE COMPORNENT SYSTEM

PC-X300 B/E/G

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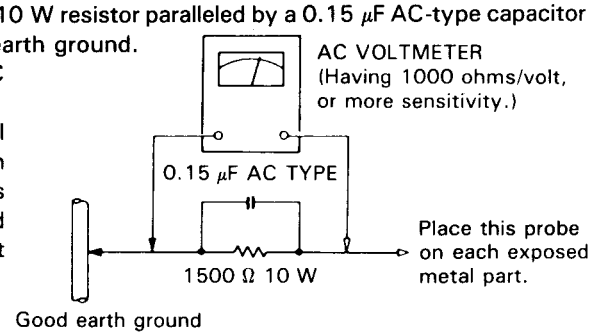
No. 1758
September 1988

1 Safety Precautions

1. The design of this product contains special hardware and many circuits and components specially for safety purposes. For continued protection, no changes should be made to the original design unless authorized in writing by the manufacturer. Replacement parts must be identical to those used in the original circuits. Service should be performed by qualified personnel only.
2. Alterations of the design or circuitry of the product should not be made. Any design alterations of the product should not be made. Any design alterations or additions will void the manufacturer's warranty and will further relieve the manufacturer or responsibility for personal injury or property damage resulting therefrom.
3. Many electrical and mechanical parts in the product have special safety-related characteristics. These characteristics are often not evident from visual inspection nor can the protection afforded by them necessarily be obtained by using replacement components rated for higher voltage, wattage, etc. Replacement parts which have these special safety characteristics are identified in the Parts List of Service Manual. Electrical components having such features are identified by (⚠) on the schematic diagram and Parts List in Service Manual. The use of a substitute replacement which does not have the same safety characteristics as the recommended replacement part shown in the Parts List in Service Manual may create shock, fire, or other hazards.
4. The leads in the products are routed and dressed with ties, clamps, tubings, barriers and the like to be separated from live parts, high temperature parts, moving parts and/or sharp edges for the prevention of electric shock and fire hazard.
   When service is required, the original lead routing and dress should be observed, and it should be confirmed that they have been returned to normal, after re-assembling.
5. Leakage current check (Electrical shock hazard testing)
   After re-assembling the product, always perform an isolation check on the exposed metal parts of the product (antenna terminals, knobs, metal cabinet, screw heads, headphone jack, control shafts, etc.) to be sure the product is safe to operate without danger of electrical shock.
   Do not use a line isolation transformer during this check.
   - Plug the AC line cord directly into the AC outlet. Using a "Leakage Current Tester", measure the leakage current from each exposed metal part of the cabinet, particularly any exposed metal part having a return path to the chassis, to a known good earth ground. Any leakage current must not exceed 0.5 mA AC (r.m.s.).
   - Alternate check method
     Plug the AC line cord directly into the AC outlet. Use an AC voltmeter having 1,000 ohms per volt or more sensitivity in the following manner. Connect a 1,500 Ω 10 W resistor paralleled by a 0.15 μF AC-type capacitor between an exposed metal part and a known good earth ground.
     Measure the AC voltage across the resistor with the AC voltmeter.
     Move the resistor connection to each exposed metal part, particularly any exposed metal part having a return path to the chassis, and measure the AC voltage across the resistor. Now, reverse the plug in the AC outlet and repeat each measurement. Any voltage measured must not exceed 0.75 V AC (r.m.s.).
     This corresponds to 0.5 mA AC (r.m.s.).



Warning

1. This equipment has been designed and manufactured to meet international safety standards.
2. It is the legal responsibility of the repairer to ensure that these safety standards are mainteined.
3. Repairs must be made in accordance with the relevant safety standards.
4. It is essential that safety critical components are replaced by approved parts.
5. If mains voltage selector is provided, check setting for local voltage.

Important for Laser Products

1. CLASS 1 LASER PRODUCT
2. DANGER: Invisible laser radiation when open and interlock failed or defeated. Avoid direct exposure to beam.
3. CAUTION: Do not open the bottom cover. There are no user serviceable parts inside the unit; leave all servicing to qualified service personnel.
4. CAUTION: The compact disc player uses invisible laser radiation and is equipped with safety switches which prevent emission of radiation when the disc holder is open and the safety interlocks have failed or are defeated. It is dangerous to defeat the safety switches.
5. CAUTION: Use of controls of adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

Identification Label and Certification Label

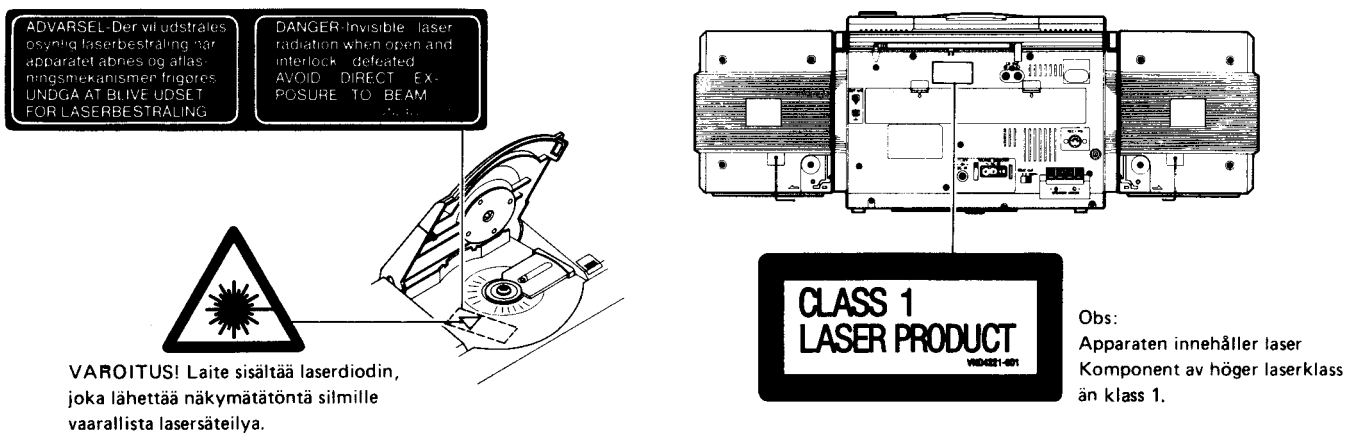


Fig. 1-1

2 Location of Main Parts

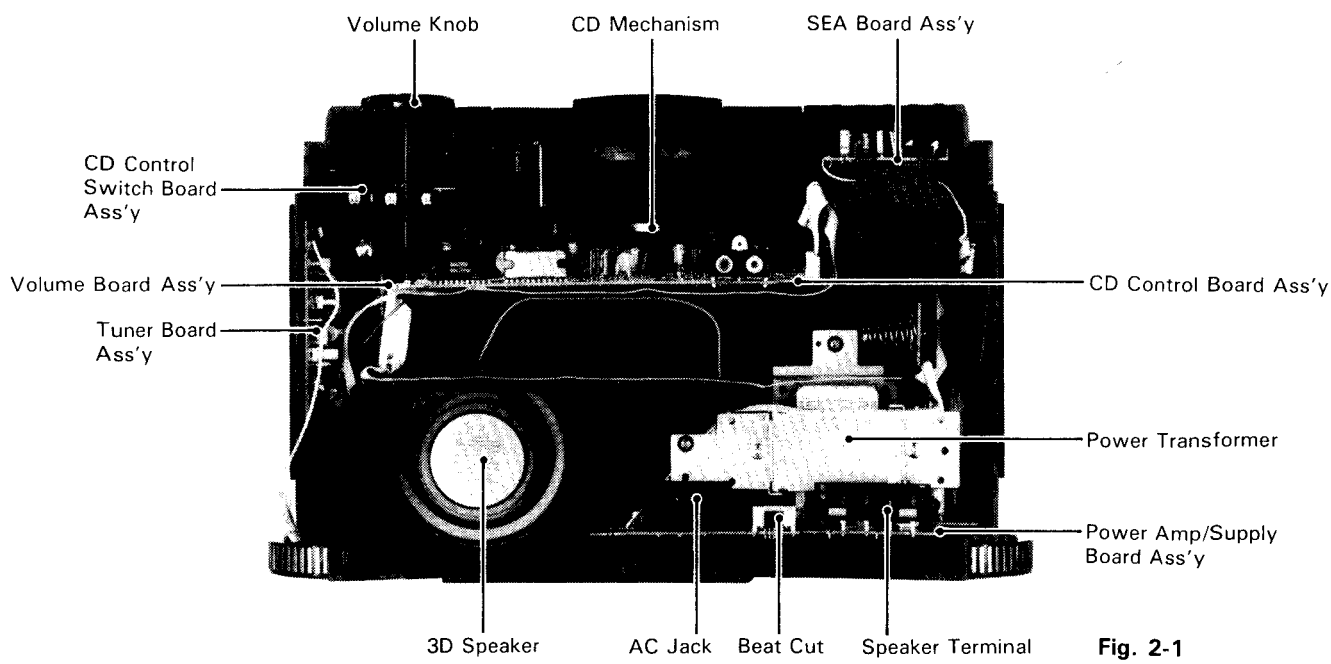


Fig. 2-1

3 Removal of Main Parts

Cabinet Section

See page 6 for figure showing how the wire is distributed.

* Replacing the fuse
  Remove the rear cabinet the replace fuse
* Replacing the telescopic antenna.
  Remove the screw (A) at rear of the cabinet to replace the T. antenna.

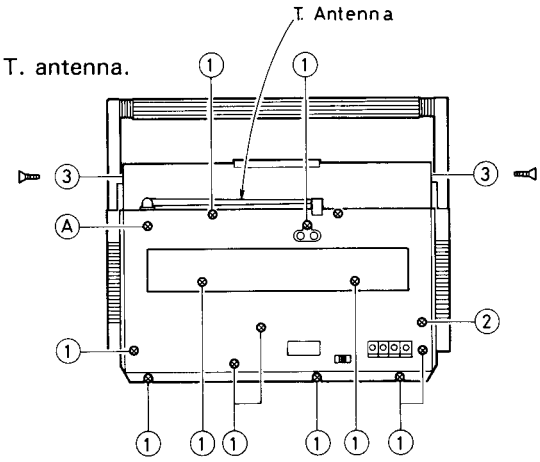


Fig. 3-1

■ Rear cover

1) Remove the battery cover.
2) Remove fourteen screws (1), (2) and (3) retaining the rear cabinet.
3) Disconnect the two connectors wire on antenna terminal. (G/V version)

■ CD unit ass'y

1) Open the cassette door and remove the two screws (4) that hold the CD ass'y.
2) Remove CN601 connector from the upper part of the CD board (See Fig. 3-2).
3) Pull out the volume knob.
4) Pull out the CD ass'y from the rear.

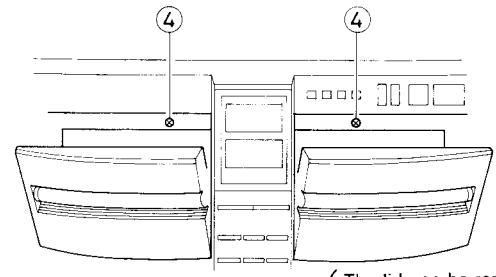


Fig. 3-2 (The lid can be removed by pulling upwards.)

■ Amp. Board/SEA Board/3D speaker ass'y (chassis ass'y)

1) Remove the SEA knob.
2) Remove the Function switch knob.
3) Remove the five screws (5) (6) and (11) securing the board ass'y and 3D speaker ass'y.
4) Pull the entire ass'y slightly, then remove the CN301, CN302, CN303, CN308, CN306.

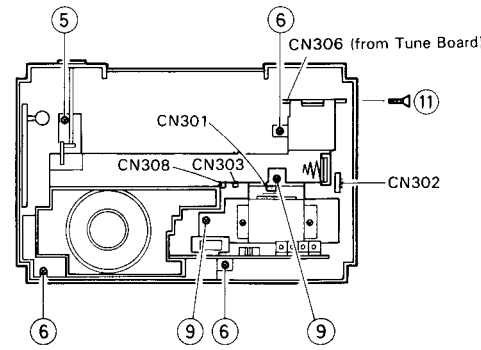


Fig. 3-3

■ Tuner board ass'y

1) Remove the wire connector (DST wire, amplifier board wire) for the tuner board.
2) Remove the volume knob.
3) Pull out the board ass'y.

■ Mechanism ass'y

1) Remove the six screws (7).
2) Open the cassette door to remove.
   * For reassembly, lift the cabinet rear slightly for easier assembly of the button and button lever.

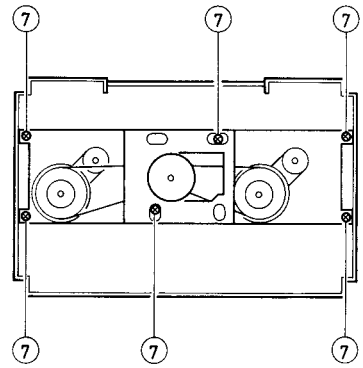


Fig. 3-4

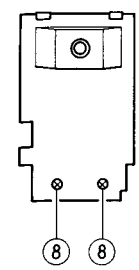


Fig. 3-5

■ LCD indicator ass'y

1) Remove the two screws (8) securing the lamp ass'y.

■ **SEA and main board ass'y**

Remove two screws, retaining the SEA board.

Main board (Power Amp./Power supply, Main amp board)

1) Remove two screws (9) retaining the power transformer bracket.
2) Remove five screws (10) retaining the Main amp. board.
3) Loosen the volume wire.

When assembling:

After connecting the connector, attach it to the chassis. Insert in the slit for the PC board and screw on after making sure that it is properly set.

* The jump wire on the Amp PC board should be arranged by passing it through the marking on the PC board.

* The 3D speaker can be replaced when (15) in Fig. 9-1 (page 28) is removed.

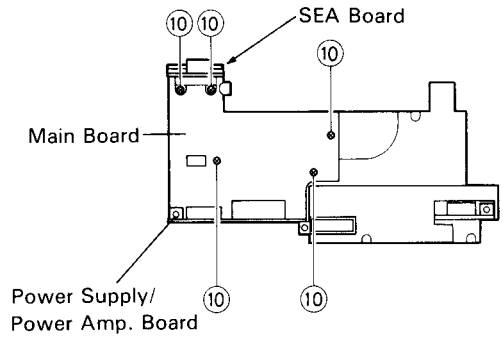
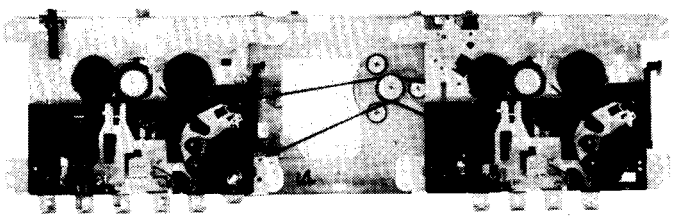


Fig. 3-6

Mechanism Section

(Top View)



(Bottom View)

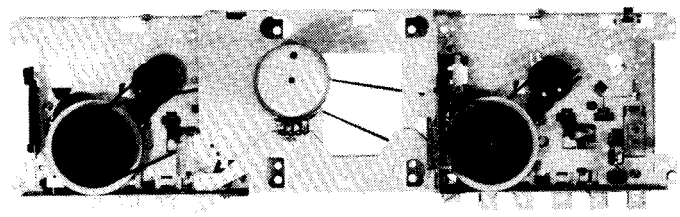


Fig. 3-7

■ **Motor bracket (Recording/playback deck)**

1) Remove the three screws (1).
2) Remove the chassis and M. bracket from the button side. Then remove the bracket arm (panel). (The synchro arm can be removed from the pause lock. Return the pause lock after it is removed from the proper position.)

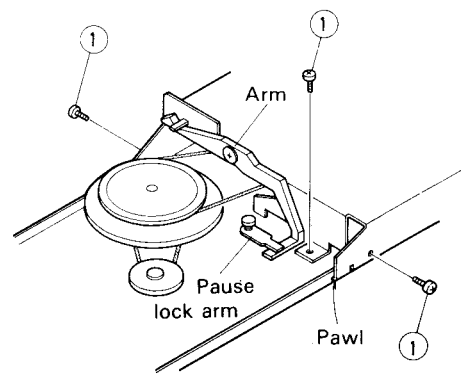


Fig. 3-8

■ **Head section**

1) Remove the record/playback head's mounting screw (A) and loosen screw (B).
2) Remove the erase head mounting screw (C) and (D).

■ **Pinch roller**

1) Remove the pinch roller arm stopper E.

■ **Flywheel ass'y**

1) Remove the C washer (F) securing the capstan shaft.
2) Pull out the flywheel ass'y.

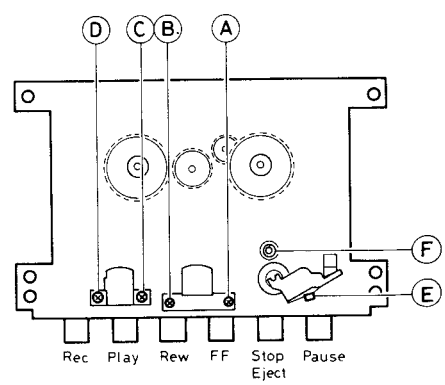


Fig. 3-9

■ **Removal of the button ass'y from the mechanical chassis.**

- Leaf switch
  Press the switch's lock panel and raise from the left to remove.

- Gear (Below the flywheel)
  Remove the C washer (G) securing the gear.
  For reassembly, insert the Sensing Lever arm stand into the (Z) section.

- Lock arm
  Press the arm stopper from window (H), and pull to remove.

- Chassis removal
  1) Remove the three (J), (K), and (L) springs.
  2) Remove the two screws (2).
  3) Remove the two screws (3) securing the capstan metal.
  4) Gently remove the button ass'y from the chassis.

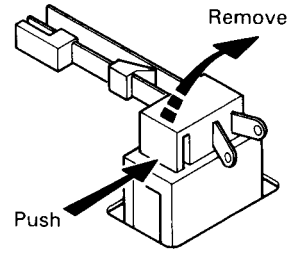


Fig. 3-10

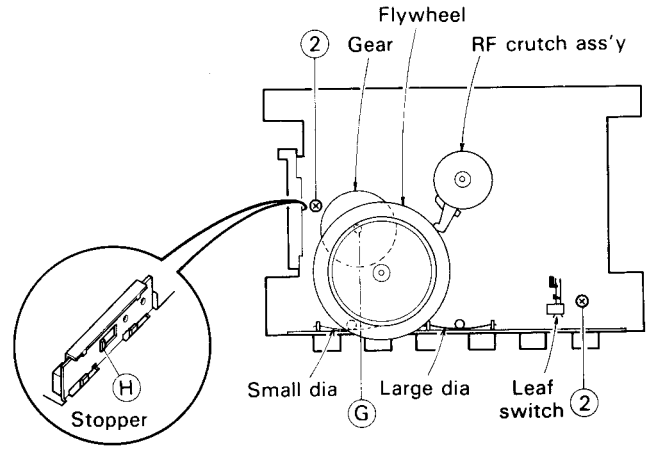


Fig. 3-11

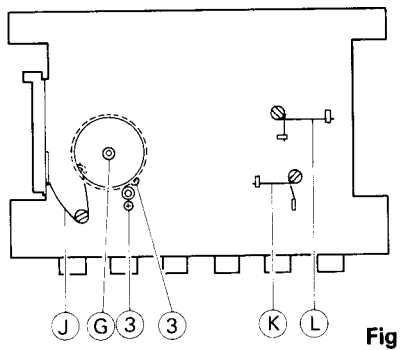


Fig. 3-13

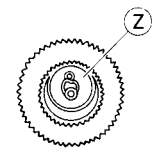


Fig. 3-12

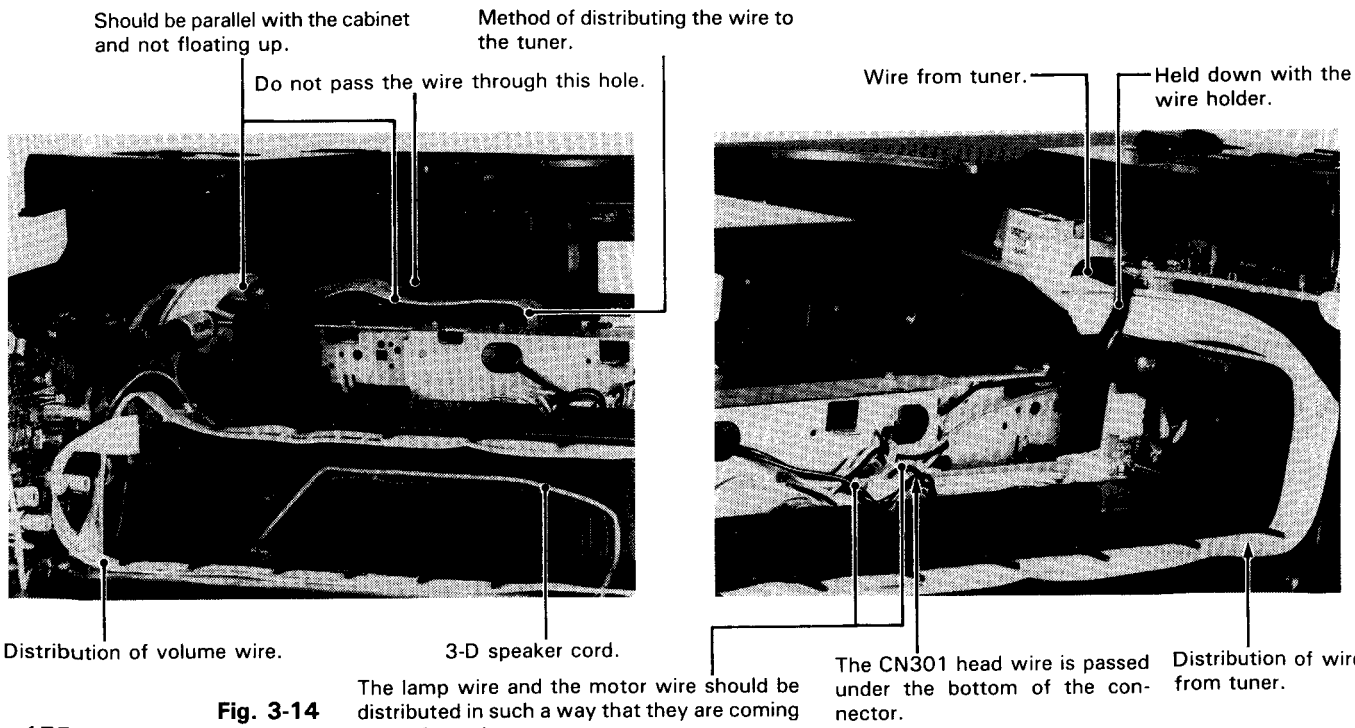
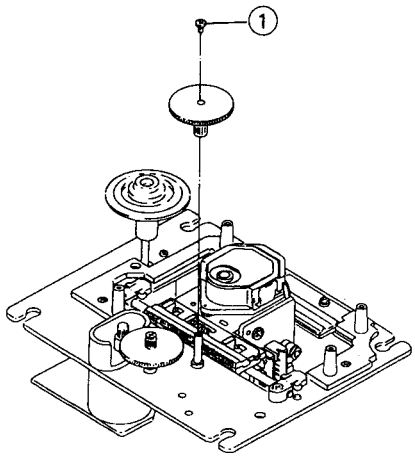


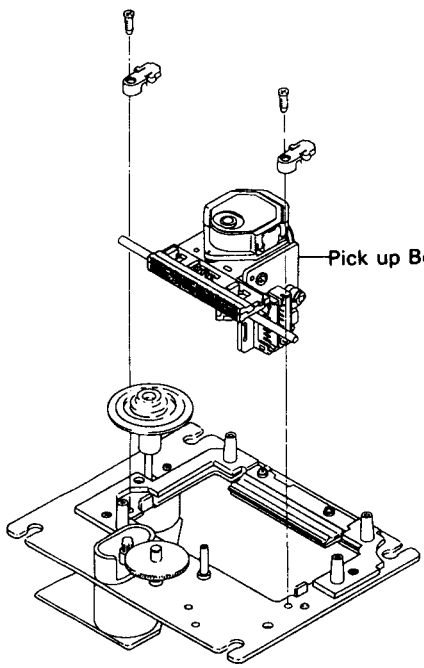
Fig. 3-14

Insertion

■ CD Mechanism Section

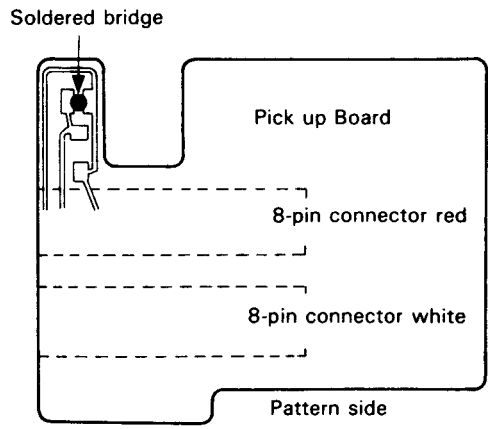
1. Remove one screw (1) retaining Gear.
2. Remove the Gear.
3. Remove the shaft stopper.
4. Pull up the pick up Ass'y and remove the Connector.

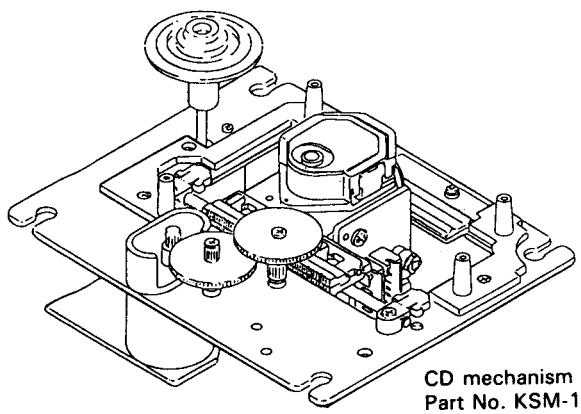




Pick up replacement can be done without any adjustments.
Parts No. KSS-150B (H)-RS

* To lessen the effects of static electricity, the above part has a soldered bridge. Remove this soldered bridge before using the part.





CD mechanism Ass'y
Part No. KSM-150B-AJRS

4 Main Adjustment

■ Amplifier adjustments

Conditions

Power supply voltages : DC 12 V, Timer 1.5 V (from battery)
Input levels : AUX 8 dBs, MIC 48 dBs
Output levels : Speaker 0 dBs/3 Ω
Headphones 0 dBs/32 Ω

SEA controls : Center
Tape select : Normal
Tapes used : Recording normal tape TS-8 (UR)
chrome tape TS-10
metal tape TS-11

0 dBs = 0.775 V

Item	Tape used	Adjustment/check method	Switch setting	Adjustment location
Head azimuth adjustment	VTT703 (10 kHz)	Maximize outputs of decks A and B; adjust to minimize phase difference between left and right channels. To adjust deck A, adjust FWD first, then REV. After adjustment, apply screw locking compound. { Fine adjustment after assembly should be done with the head cover removed.	Tape/normal speed	Deck A or B: Adjust FWD then REV Deck B
Tape speed adjustment	VTT712 (3 kHz)	After normal speed adjustment, perform double speed adjustment 1. Adjust the normal speed of deck A to 3000 with VR301. 2. Check if Deck [B] is at 3000 Hz +10 Hz. 3. To confirm high speed mode, play back Deck [B], then set Deck [A] to record mode.	Tape/Normal speed High speed	VR301
Checking wow & flutter	VTT712 (3 kHz)	0.35% (JIS RMS) or less	Tape/Normal speed	
Playback output level	VTT724 (1 kHz)	Adjust VR101, VR201 (deck A) and VR102, VR202 (deck B) so that the output of DOLBY NR TP are −21 dBs	Tape/Normal speed	Deck A L ch : VR101 R ch : VR201 Deck B L ch : VR102 R ch : VR202
Confirming playback frequency response	VTT739	With respect to their outputs at 1 kHz, the outputs at DOLBY NR TP should be −2 ± 4 dB at 63 Hz, and 0 ± 3 dB at 10 kHz.	Tape/Normal speed	
Recording bias frequency	(TS-8) Normal tape	Set beat cut switch S306 to position 3 and adjust the oscillating frequency of C316 to 68 ± 1 kHz with L301. (Connect a 100 kΩ resistor in series when measuring.)	S306 (Beat cut) 1 : 69.7 kHz 2 : 67.3 kHz 3 : 68 kHz	L301
Rec/Play frequency response	(TS-8) Normal tape	Deck A: Adjust VR104 (L ch) and VR204 (R ch) so that the rec/play output of an input signal −20 dB with respect to the reference level at 1 kHz is −0 dB ± 1 dB at 10 kHz. Deck B : Same as deck A. Measure outputs from DOLBY NR TP.		L ch : VR104 R ch : VR204
Rec/play output adjustment	(TS-8) Normal tape	Adjust VR103 (L ch) and VR203 (R ch) so that the level when recording and playing back an AUX (CD) IN signal −8 dB with respect to the reference level is −0 dBs ± 1 dB.		L ch : VR103 R ch : VR203

Location of Adjustment

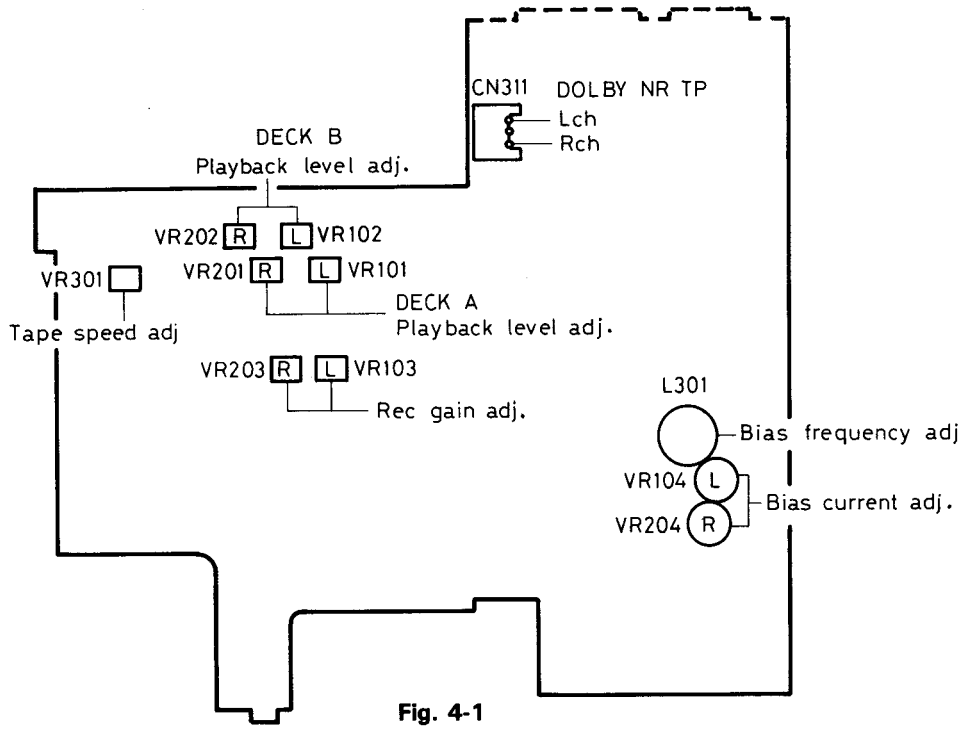


Fig. 4-1

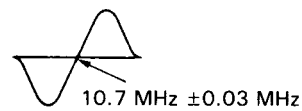
■ Tuner Alignment

BASIC CONDITIONS

These are non-adjusting sections during IF adjustment of MW/FM. Adjust only when such adjustment is considered necessary upon inspection.

POWER SOURCE OF THE RECEIVER	DC 12 V, AC 120 V
LOAD RESISTANCE OF THE RECEIVER	50 mW (0.55 V)/6 Ω
MODULATION OF SSG	400 Hz. 30%

Item	Description
1. AM IF ALIGNMENT	
1-1 Conditions of the receiver.	
(1) Power source:	DC 5.8 V (When the power is supplied directly to the tuner in the receiver, the voltage should be adjusted to the proper level which shall be required by the tuner.)
(2) Function switch position:	RADIO
(3) Band select switch:	MW
(4) Volume control:	Minimum gain position
(5) SEA control:	Center position
1-2 Connection of Sweeper and the receiver	
(1) Tuner input:	Positive side to TP3
(2) Tuner output:	Positive side to TP6 Negative side to TP7
1-3 Aligning position:	CFT, T2
1-4 Alignment (Waveform): 	Adjust AM I.F.T. (above mentioned aligning position) so that maximum and symmetrical wave form can be obtained. In this case, the wavehead should be appeared at the center marker (450 kHz) on the scope of Sweeper.

Item	Description
2. FM IF ALIGNMENT	
2-1 Conditions of the receiver	
(1) Power source:	Same as mentioned in item 1-1
(2) Function switch position:	RADIO
(3) Band select switch:	FM
(4) Volume control:	Minimum gain position
(5) SEA control:	Center position
2-2 Connection of Sweeper and the receiver	
(1) Tuner input:	Positive side to TP5
(2) Tuner output:	Positive side to TP6 Negative side to TP7
NOTE a) Attach a capacitor (30 pF) and resistor (30 kΩ) to the positive side cable which shall be led from Sweeper input. b) Attach a resistor (100 kΩ) in series to the positive side cable which shall be led from Sweeper output.	
2-3 Aligning position:	Discriminate Waveform: T1 ("S" curve waveform)
2-4 Alignment (Waveform):	Adjust the discriminate coil (T1) so that "S" curve waveform may be changed to IF waveform as shown in following figure. 
NOTE The discriminator's CF is yellow. Do not use one that is of another color.	Adjust the discriminate T2 so that above symmetrical IF waveform may be changed to balanced "S" curve waveform.
3. AM RF ALIGNMENT	
3-1 Conditions of the receiver.	
(1) Power source:	Same as mentioned in item 1-1.
(2) Function switch position:	RADIO
(3) Volume control:	50 mW
(4) SEA control:	Center position
(5) Variable capacitor:	Refer the following list shown in item 3-4.
3-2 Conditions of SSG.	
(1) Modulation:	Refer the basic condition
(2) Frequency:	Refer the following list shown in item 3-4.
(3) Output level of the attenuator in SSG:	Approx. 50 mW
3-3 Power output measuring position:	Speaker terminals
3-4 Alignment:	

<table>
<tr><th></th><th>Band Select Switch Position</th><th>Sort of Antenna to be attached to SSG</th><th>Frequency of SSG</th><th>Preset Memory No.</th><th>Aligning Position</th></tr>
<tr><td>1</td><td rowspan="11">AM
or MW</td><td rowspan="16">Loop Antenna</td><td>520 kHz</td><td>M5</td><td>L5</td></tr>
<tr><td>2</td><td colspan="3" rowspan="2">① Turn L5 one turn clockwise and adjust TC5 to the setter position.
② Turn M5 until 1620 kHz is displayed and measure the voltage of TP9.
a. When the measured value is higher than 4.6 V:
(1) Re-adjust L5 until the value is 4.60±0.02 V.
(2) Press M1 to display the frequency for the band edge on the bottom side.
When the freqeucny of TP9 is 530 or 531 kHz, adjust TC5 until the voltage value is 1.20±0.02 V.
When the frequency of TP9 is 532 khz, adjust TC5 until the voltage value is 1.10±0.02 V.
(3) Repeat steps (1) and (2).
b. When the measured values is between 4.3 and 4.6 V:
(1) Do not turn L5 after step ①.
(2) Turn M1 to display the frequency of the band edge on the bottom side.
When the frequency of TP9 is 530 or 531 kHz, adjust TC5 until the voltage value is 1.10±0.02 V.
When the frequency of TP9 is 522 kHz, adjust TC5 until the voltage value is 1.00±0.02 V.
c. When the measured value is less than 4.3 V:
(1) Do not turn L5 after step ①.
(2) Turn M1 to display the frequency of the band edge on the bottom side.
When the frequency of TP9 is 530 or 531 kHz, adjust TC5 until the voltage value is 1.05±0.02 V.
When the frequency of TP9 is 522 kHz, adjust TC5 until the voltage value is 0.95±0.02 V.</td></tr>
<tr><td>3</td></tr>
<tr><td>4</td><td>603 kHz</td><td>to be received 603 kHz (M2)</td><td>L3</td></tr>
<tr><td>5</td><td>1,404 kHz</td><td>to be received 1,404 kHz (M4)</td><td>TC3</td></tr>
<tr><td>6</td><td colspan="3">Adjust the above aligning position (L3 & TC3) repeatedly so that the tuner can be obtained the best sensitivity.</td></tr>
<tr><td>7</td><td rowspan="6">LW</td><td>281 MHz</td><td>M5</td><td>L6</td></tr>
<tr><td>8</td><td colspan="3" rowspan="2">Turn L6 until the voltage of TP9 becomes 4.5±0.02 V.</td></tr>
<tr><td>9</td></tr>
<tr><td>10</td><td>164 kHz</td><td>to be received 164 kHz (M1)</td><td>L4</td></tr>
<tr><td>11</td><td>272 kHz</td><td>to be received 272 kHz (M5)</td><td>TC-4</td></tr>
<tr><td>12</td><td colspan="3">Adjust the above aligning position (L4 & TC-4) repeatedly so that the tuner can be</td></tr>
</table>

Item	Description
4. FM RF ALIGNMENT	
4-1 Conditions of the receiver.	
(1) Power source:	Same as mentioned in item 1-1.
(2) Function switch position:	RADIO
(3) Band select switch:	FM
(4) Volume control:	50 mW
(5) SEA control:	Center position
4-2 Condition of FM SSG.	
(1) Modulation:	Refer the basic condition
(2) Frequency:	Refer the following list shown in item 4-4.
(3) Output level of the attenuator in FM SSG:	The level shall be decided by the load resistance of the receiver mentioned in the basic conditions.
4-4 Connection of sweeper and the receiver.	
(1) Tuner input	Positive side to TP10. Negative side to TP2.
(2) Tuner output	Positive side to audio out
4-4 Alignment:	

	Band Select Switch Position	Sort of Antenna to be attached to SSG	Frequency of SSG	Preset Memory No.	Aligning Position
1	FM	Dummy Antenna	108 MHz	M5	L1
2			Adjust L1 until the voltage of TP9 becomes 4.4±0.02 V.		
3					
4			88 MHz	to be received 90 MHz (M2)	L2
5			106 MHz	to be received 106 MHz (M4)	TC-2
6			Adjust the above aligning position (L2 & TC-2) repeatedly so that the tuner can be obtained the best sensitivity.		

Adjustments after AM oscillation circuit replacement

Initial setting

- Set L5 to VQM7U02-402. (Seal is 402.)
- Position TC5 (trimmer) in the center.

1) Do tracking adjustment of L3 and TC3.
2) Measure the maximum sensitivity for every 100 kHz from 600 kHz (or 603 kHz) to 1000 kHz (or 999 kHz). Then do the following:
   a) If better than the threshold value (52 dB/m) of the maximum sensitivity at each frequency, it is okay.
   b) If it becomes worse than the threshold value at around 700 kHz to 800 kHz, set TC5 to MAX and readjust the RF tracking.
   c) If it becomes worse than the threshold value at around 900 kHz to 1000 kHz, set TC5 to MIN and readjust the RF tracking.

■ FM Stereo Separation Adjustment

1. Receive a modulated stereo signal of 60 dBμ FM 98 MHz.
2. Modulate L ch only, then adjust VR1 until the R ch output is at the minimum.
3. Check if the separation is 35 dB or above (after passing through the DOLBY filter).

Parts Arrangement for Alignment

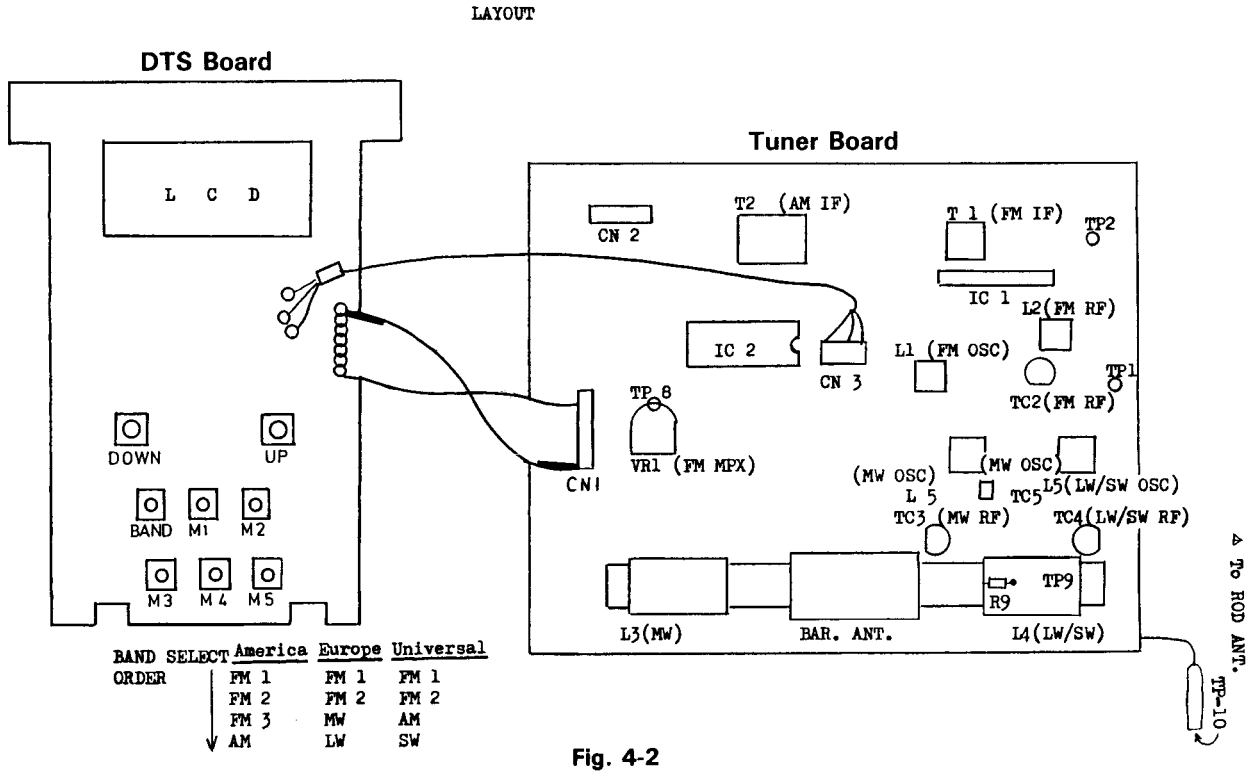


Fig. 4-2

(Pattern side)

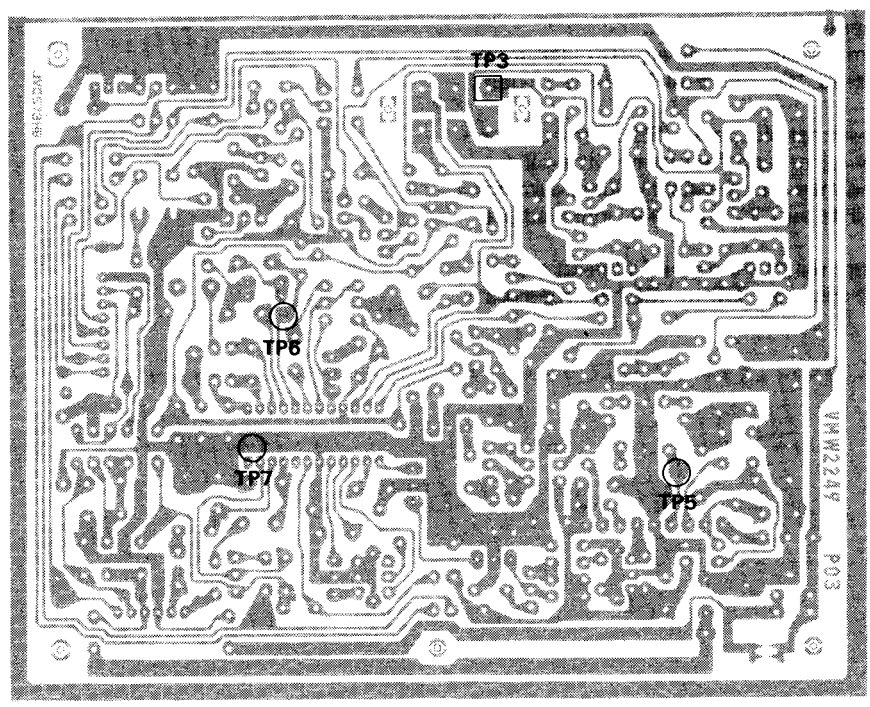


Fig. 4-3

5 Block Diagram

Tuner Circuit

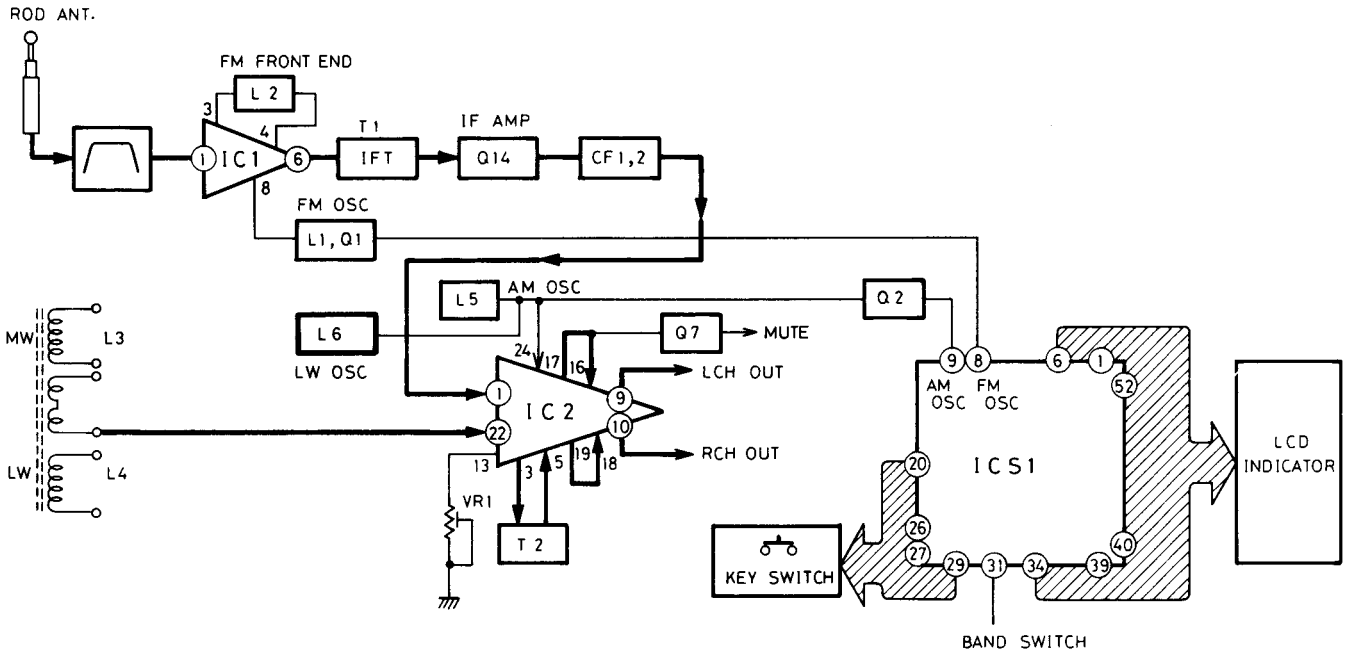


Fig. 5-1

Amplifier Circuit

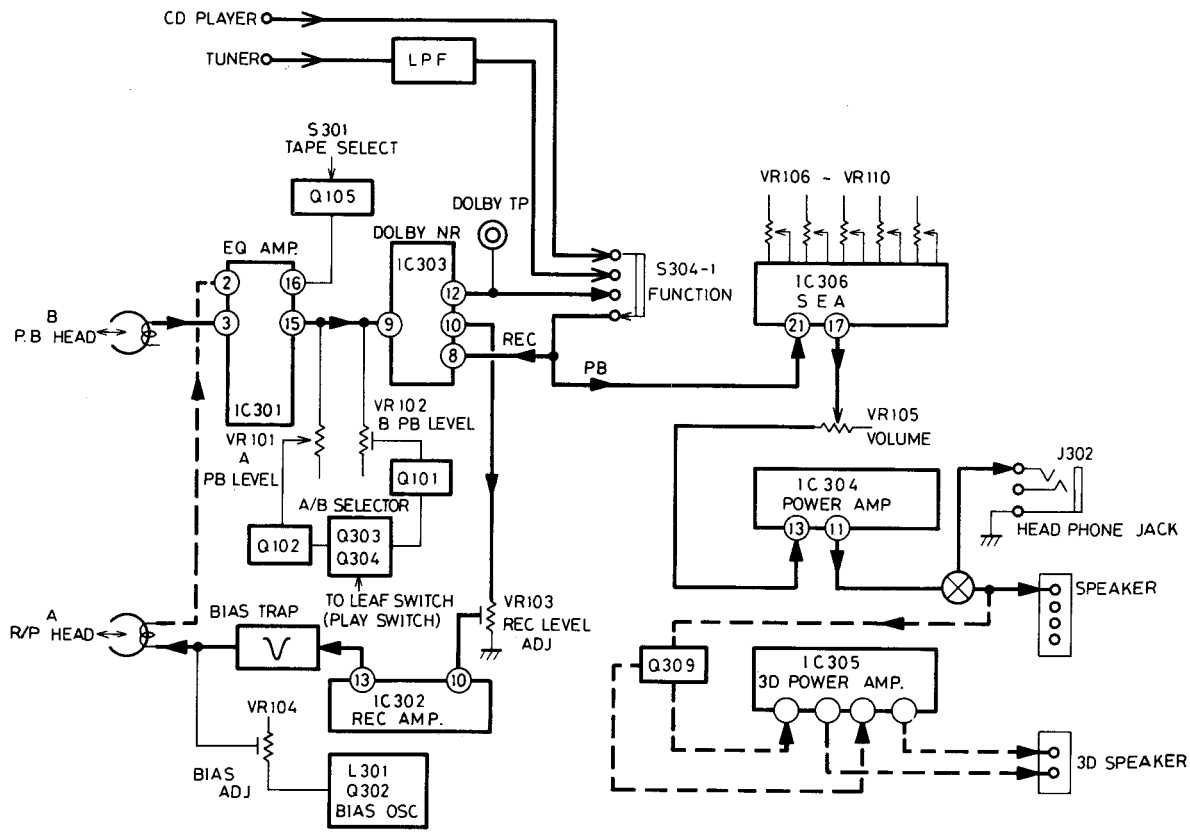


Fig. 5-2

■ CD Block Diagram

IC Block Diagram

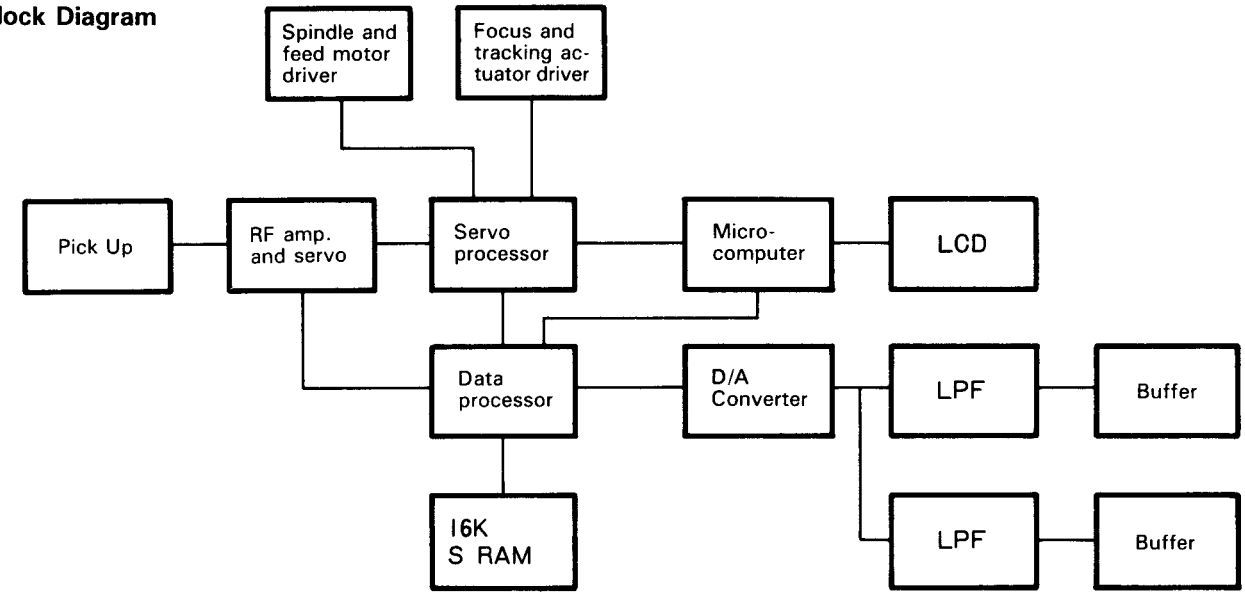


Fig. 5-3

Circuit Block Diagram

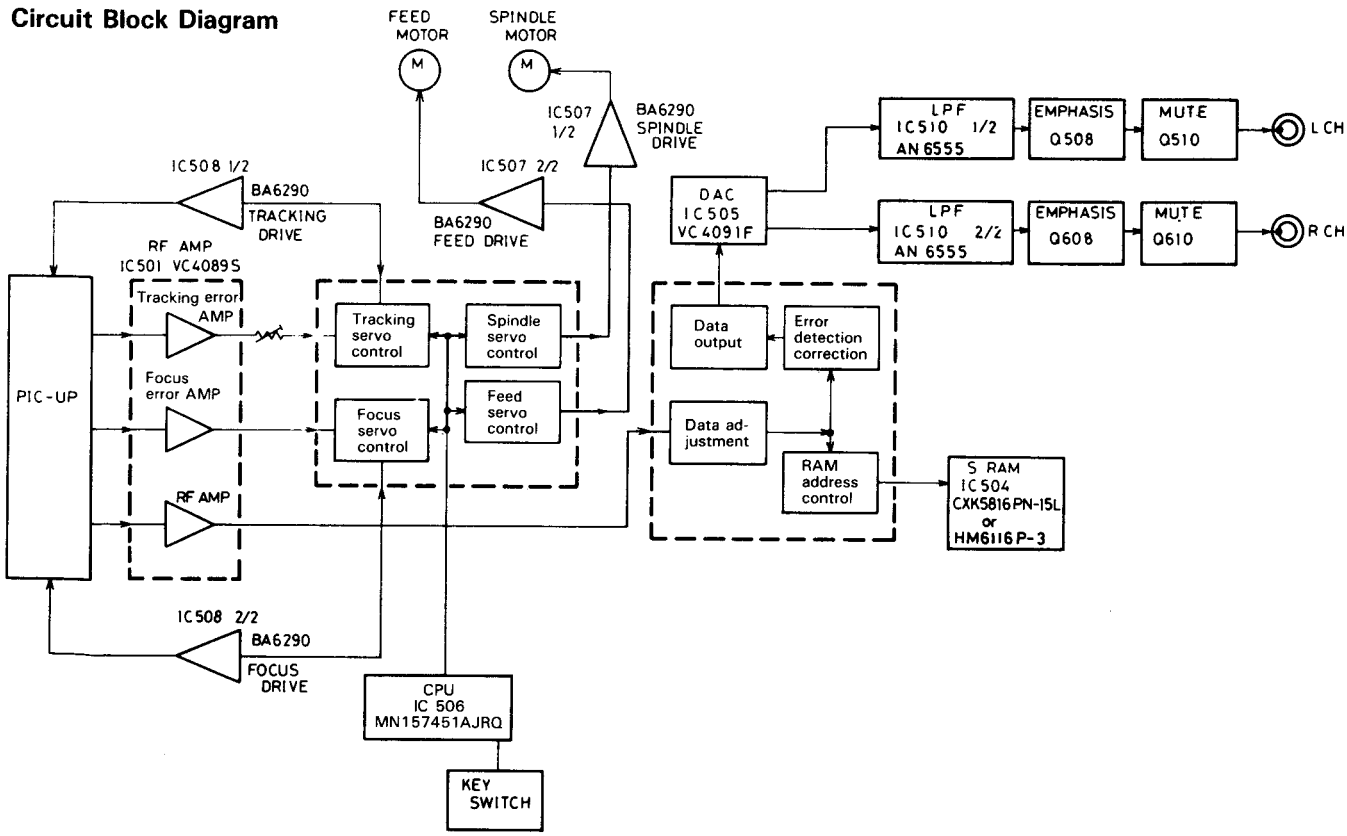
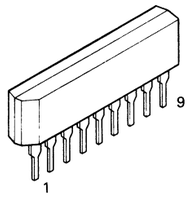


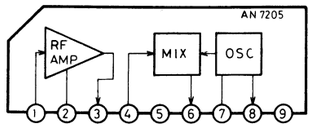
Fig. 5-4

6 Standard Schematic Diagram

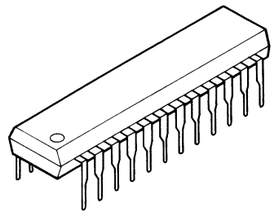
IC Block Diagram Tuner/DTS Section

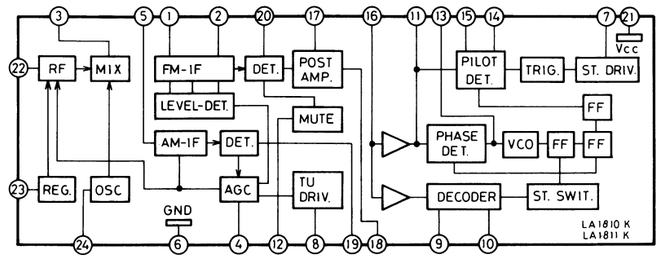
IC01 AN7205



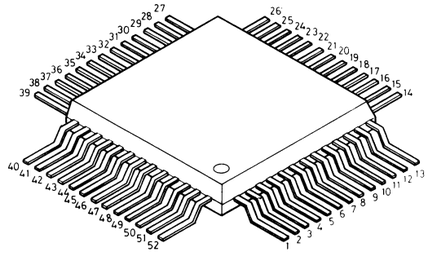


IC02 LA1810-K





ICS1 UPD1708AG-624



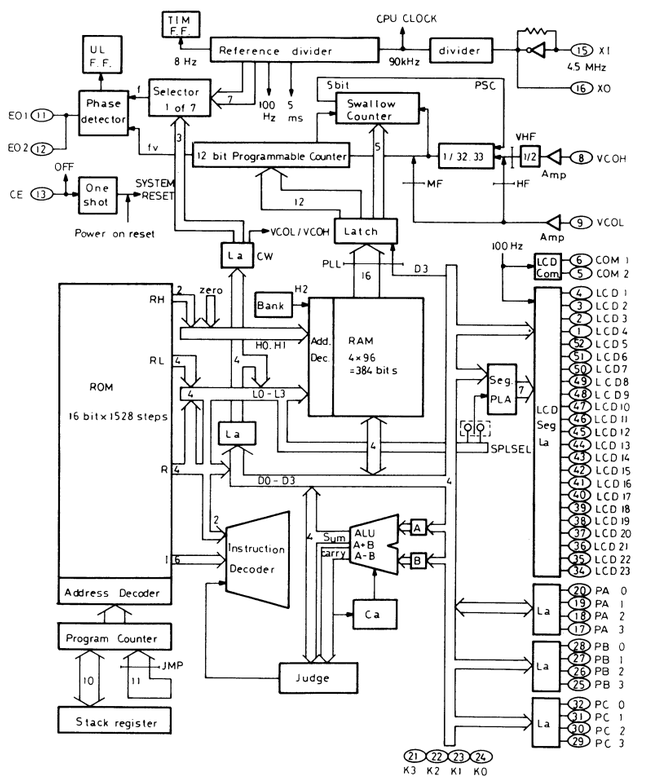
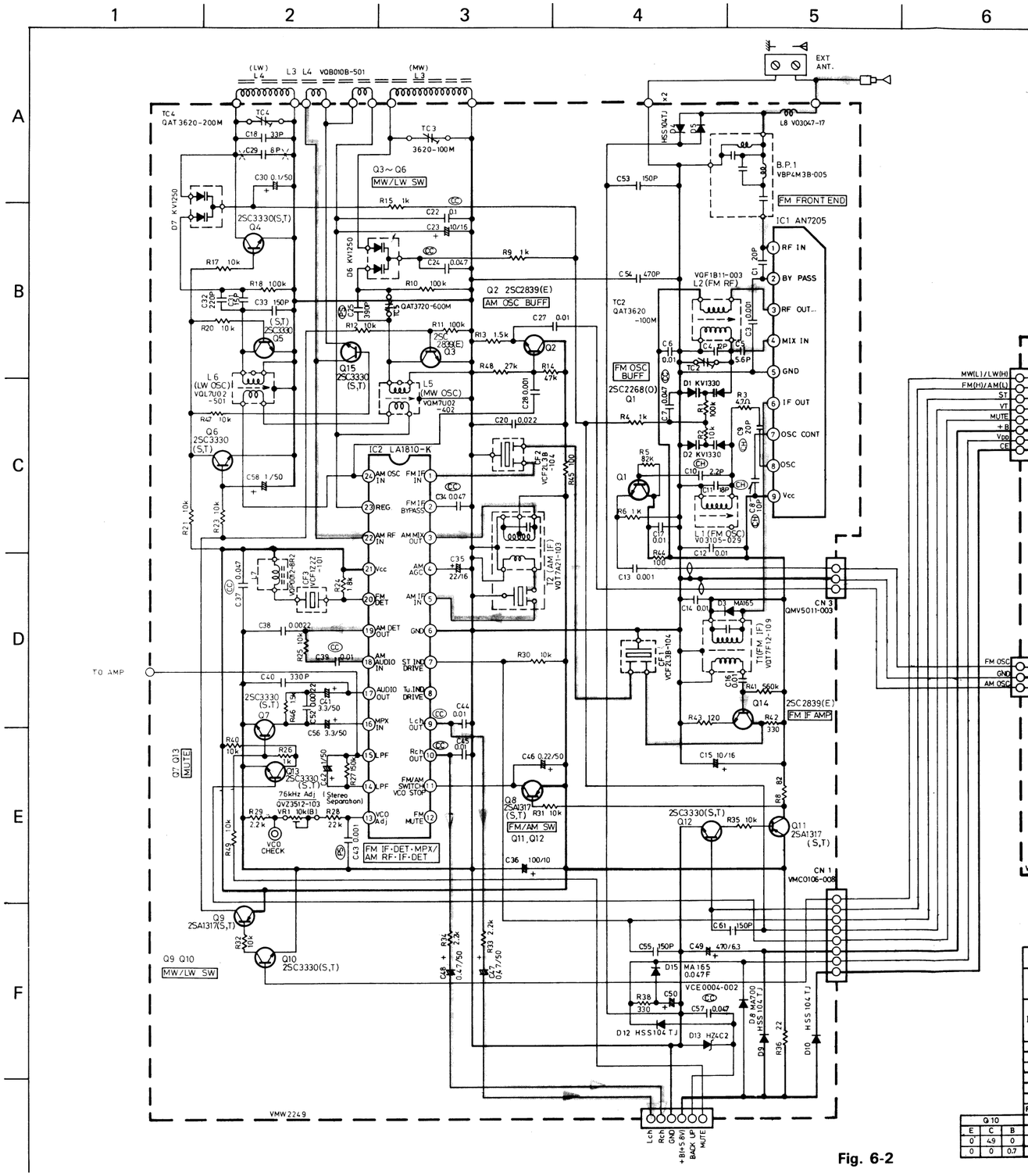


Fig. 6-1

■ Tuner/DTS Circuit

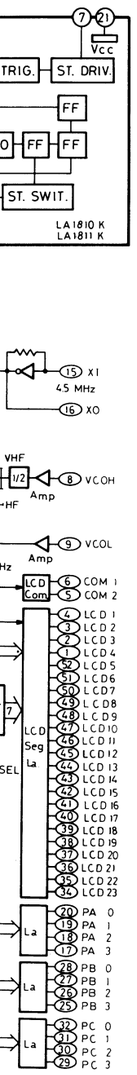


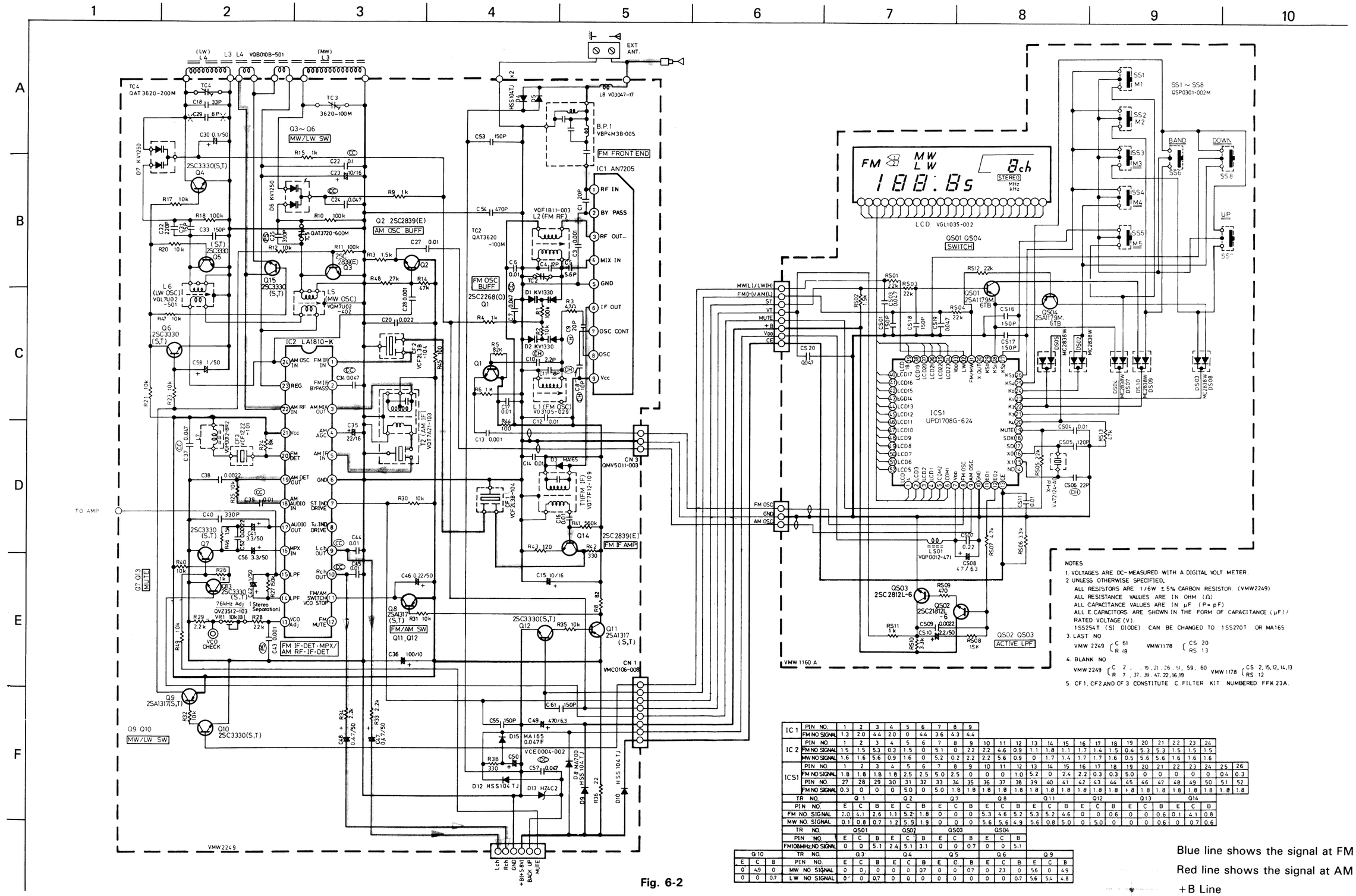
Q 10		
E	C	B
0	49	0
0	0	0.7

Fig. 6-2

uner/DTS Section

■ Tuner/DTS Circuit





NOTES
1. VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER.
2. UNLESS OTHERWISE SPECIFIED,
   ALL RESISTORS ARE 1/6W ±5% CARBON RESISTOR (VMW2249)
   ALL RESISTANCE VALUES ARE IN OHM (Ω)
   ALL CAPACITANCE VALUES ARE IN μF (P= pF)
   ALL E CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE (μF)/ RATED VOLTAGE (V).
   1SS254T (SI DIODE) CAN BE CHANGED TO 1SS270T OR MA165
3. LAST NO
   VMW 2249 { C 61 / R 49 } VMW1178 { CS 20 / RS 13 }
4. BLANK NO
   VMW 2249 { C 2, 19, 21, 26, 51, 59, 60 / R 7, 37, 39, 47, 22, 16, 19 } VMW 1178 { CS 2, 15, 12, 14, 13 / RS 12 }
5. CF1, CF2 AND CF3 CONSTITUTE C.FILTER KIT NUMBERED FFK 23A.

IC1	PIN NO.	1	2	3	4	5	6	7	8	9
	FM NO SIGNAL	1.3	2.0	4.4	2.0	0	44	3.6	4.3	4.4

IC2	PIN NO.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	FM NO SIGNAL	1.5	1.5	5.3	0.3	1.5	0	5.1	0	2.2	2.2	4.6	0.9	1.1	1.8	1.1	1.7	1.4	1.5	0.4	5.3	5.3	1.5	1.5	1.5
	MW NO SIGNAL	1.6	1.6	5.6	0.9	1.6	0	5.2	0.2	2.2	2.2	5.6	0.9	0	1.7	1.4	1.7	1.7	1.6	0.5	5.6	5.6	1.6	1.6	1.6

ICS1	PIN NO.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
	FM NO SIGNAL	1.8	1.8	1.8	1.8	2.5	2.5	5.0	2.5	0	0	0	1.0	5.2	0	2.4	2.2	0.3	0.3	5.0	0	0	0	0	0	0.4	0.3
	PIN NO.	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52
	FM NO SIGNAL	0.3	0	0	0	5.0	0	5.0	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8

TR NO.	Q1			Q2			Q7			Q8			Q11			Q12			Q13			Q14		
PIN NO.	E	C	B	E	C	B	E	C	B	E	C	B	E	C	B	E	C	B	E	C	B	E	C	B
FM NO. SIGNAL	2.0	4.1	2.6	1.1	5.2	1.8	0	0	0	5.3	4.6	5.2	5.3	5.2	4.6	0	0	0.6	0	0	0.6	0.1	4.1	0.8
MW NO. SIGNAL	0.1	0.8	0.7	1.2	5.5	1.9	0	0	0	5.6	5.6	4.9	5.6	0.8	5.0	0	5.0	0	0	0	0.6	0	0.7	0.6

TR NO.	QS01			QS02			QS03			QS04		
PIN NO.	E	C	B	E	C	B	E	C	B	E	C	B
FM108MHz NO SIGNAL	0	0	5.1	2.4	5.1	3.1	0	0	0.7	0	0	5.1

Q10			TR NO.	Q3			Q4			Q5			Q6			Q9		
E	C	B	PIN NO.	E	C	B	E	C	B	E	C	B	E	C	B	E	C	B
0	4.9	0	MW NO SIGNAL	0	0	0	0	0	0.7	0	0	0.7	0	2.3	0	5.6	0	4.9
0	0	0.7	LW NO SIGNAL	0	0	0.7	0	0	0	0	0	0	0	0	0.7	5.6	5.4	4.8

Blue line shows the signal at FM
Red line shows the signal at AM
+B Line

Fig. 6-2

■ Amplifier Circuit

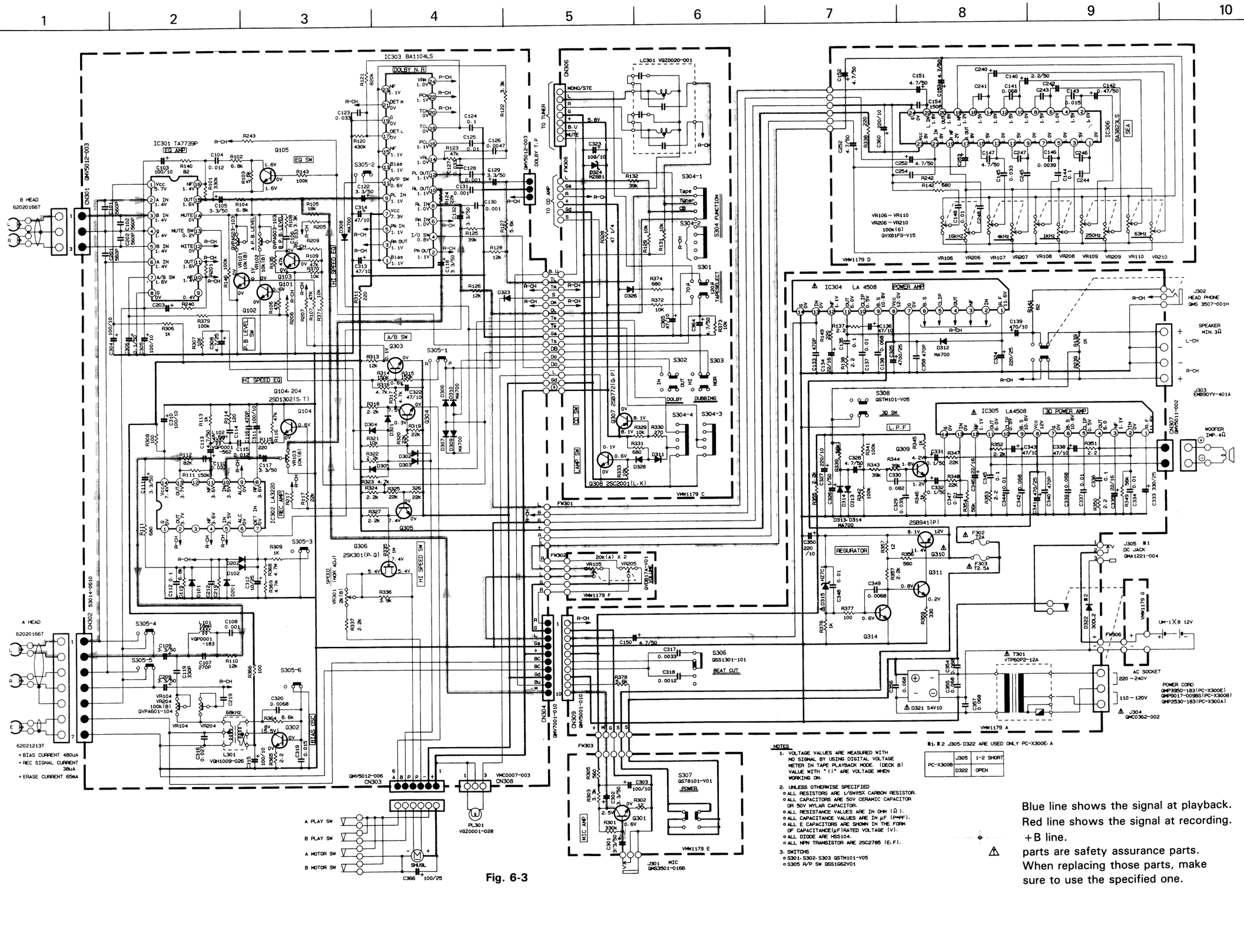


Fig. 6-3

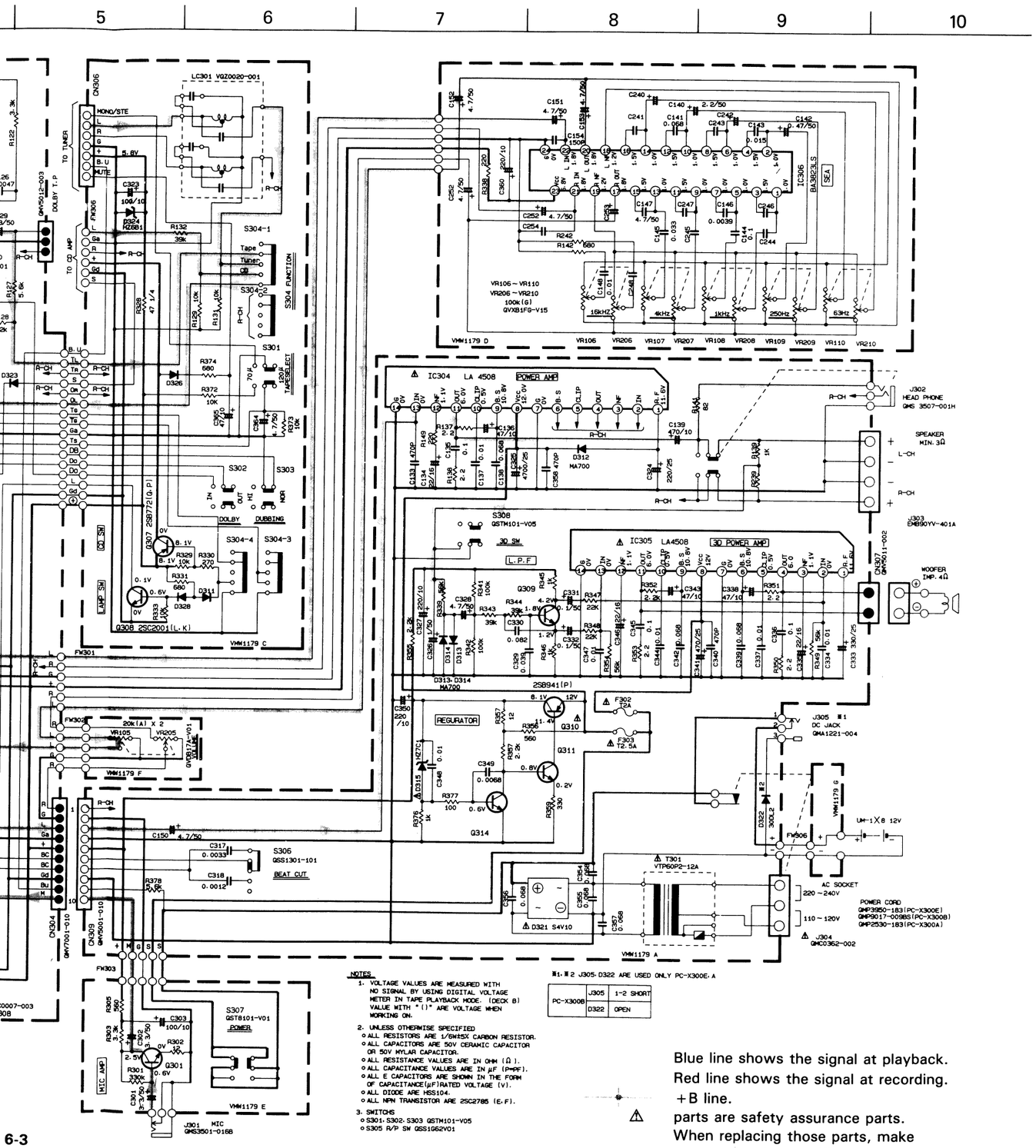
NOTES
1. VOLTAGE VALUES ARE MEASURED WITH NO SIGNAL BY USING DIGITAL VOLTAGE METER IN TAPE PLAYBACK MODE. (DECK B) VALUE WITH " ( )" ARE VOLTAGE WHEN WORKING ON.
2. UNLESS OTHERWISE SPECIFIED
   - ALL RESISTORS ARE 1/6W±5% CARBON RESISTOR.
   - ALL CAPACITORS ARE 50V CERAMIC CAPACITOR OR 50V MYLAR CAPACITOR.
   - ALL RESISTANCE VALUES ARE IN OHM (Ω).
   - ALL CAPACITANCE VALUES ARE IN μF (P=PF).
   - ALL E CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE[μF]RATED VOLTAGE (V).
   - ALL DIODE ARE HSS104.
   - ALL NPN TRANSISTOR ARE 2SC2785 (E, F).
3. SWITCHES
   - S301, S302, S303 QSTM101-V05
   - S305 R/P SW QSS1G62V01

※1, ※2 J305, D322 ARE USED ONLY PC-X300E, A

PC-X300B	J305	1-2 SHORT
	D322	OPEN

Blue line shows the signal at playback.
Red line shows the signal at recording.
+B line.
⚠ parts are safety assurance parts.
When replacing those parts, make sure to use the specified one.

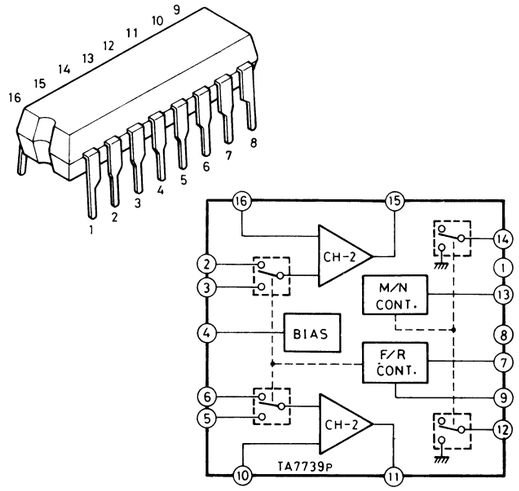
IC Block
IC301 T
IC303 BA110



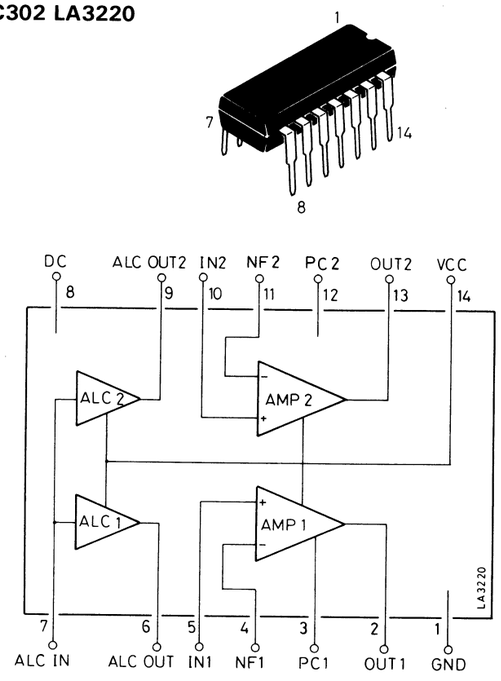
Blue line shows the signal at playback.
Red line shows the signal at recording.
+B line.
⚠ parts are safety assurance parts.
When replacing those parts, make sure to use the specified one.

IC Block Diagram Amplifier Section

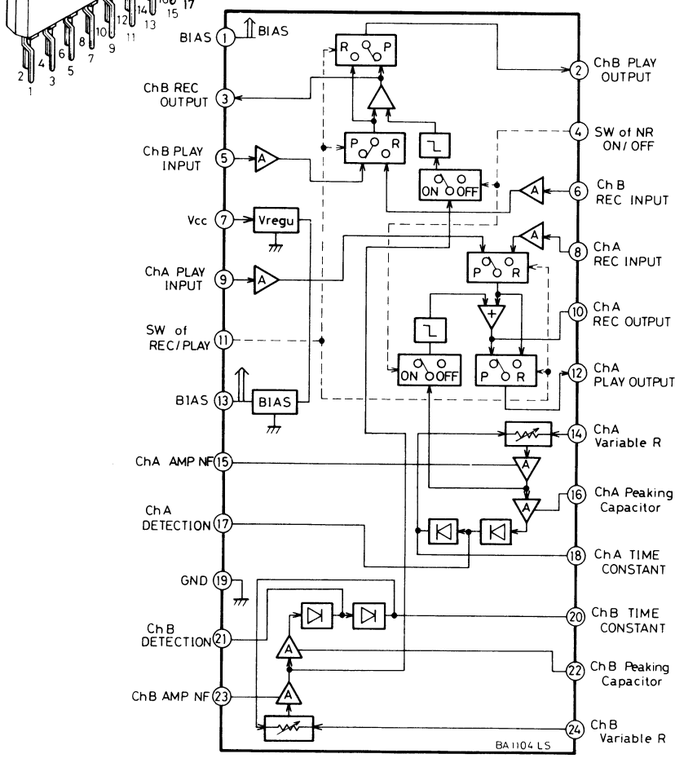
IC301 TA7739P



IC302 LA3220



IC303 BA1104LS



IC304, IC305 LA4508

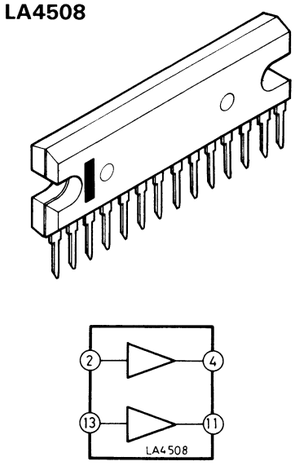
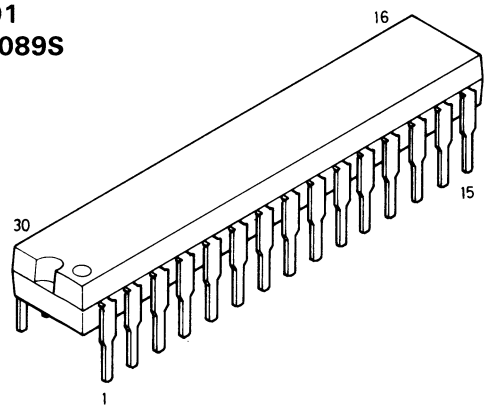
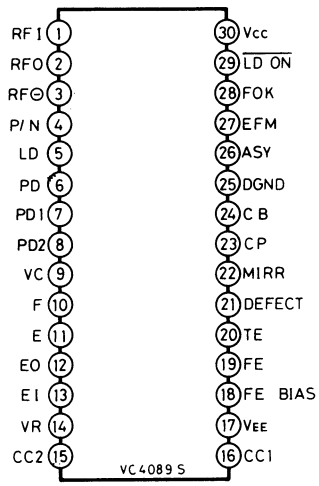


Fig. 6-4

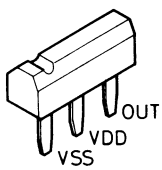
CD Section

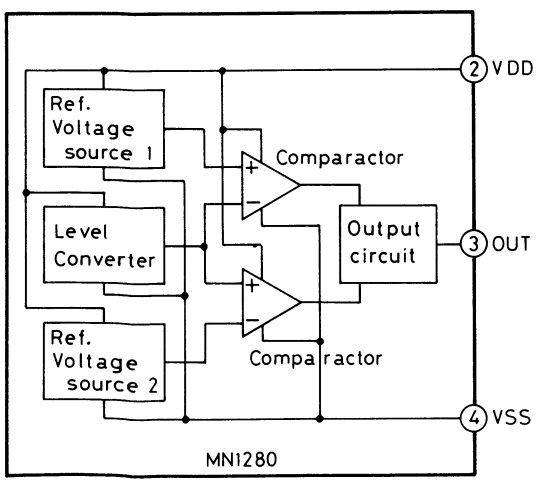
IC501
VC4089S



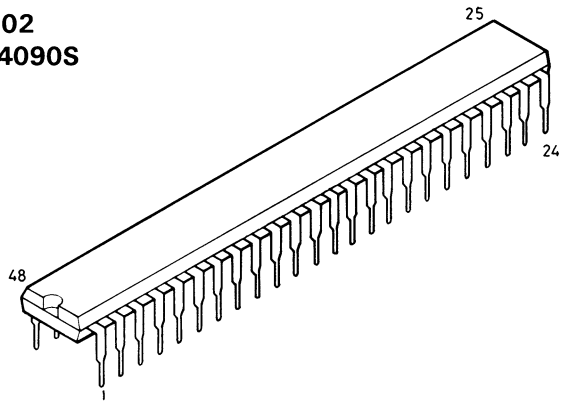


IC505
MN1280





IC502
VC4090S



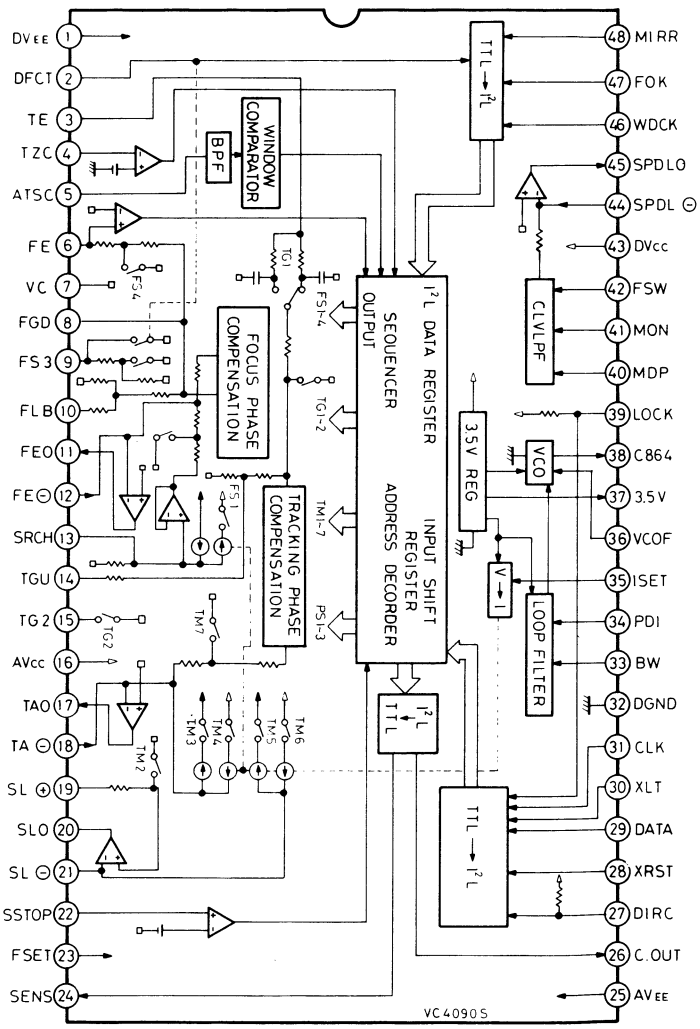
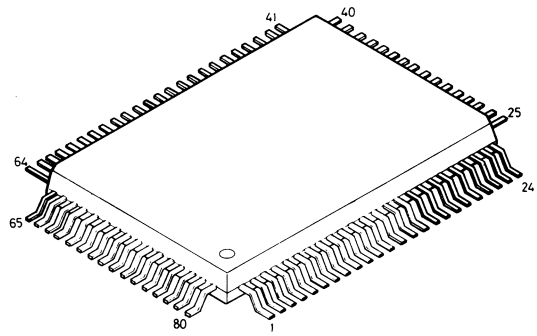
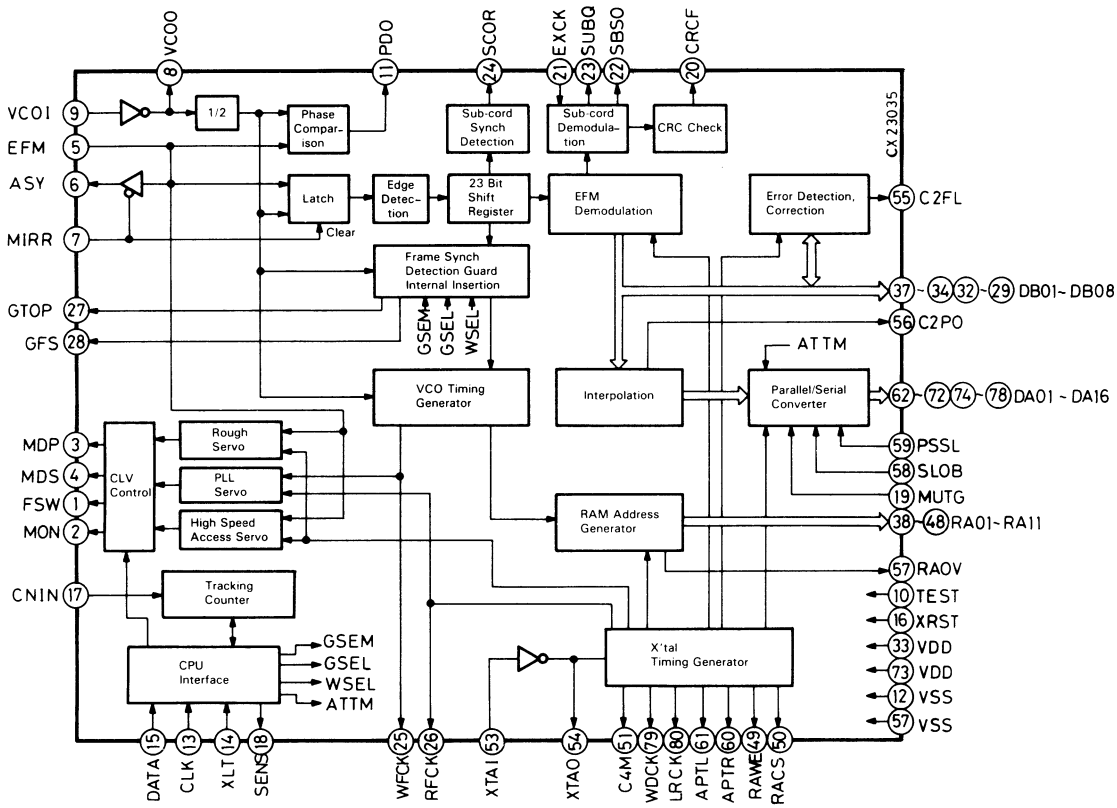


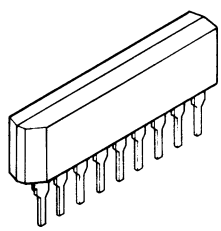
Fig. 6-5

IC503
CX23035





IC510
AN6555



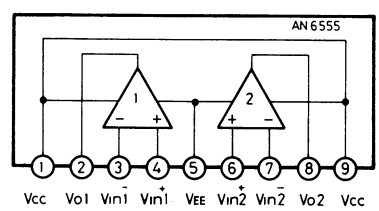
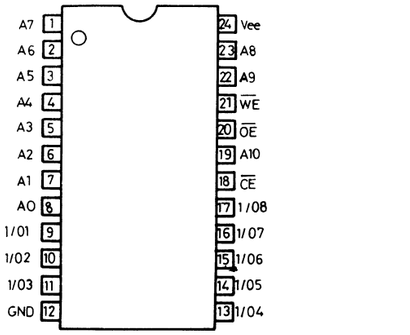
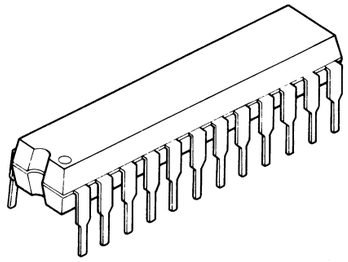


Fig. 6-6

IC504
CXK5816PN-15L

(Top View)





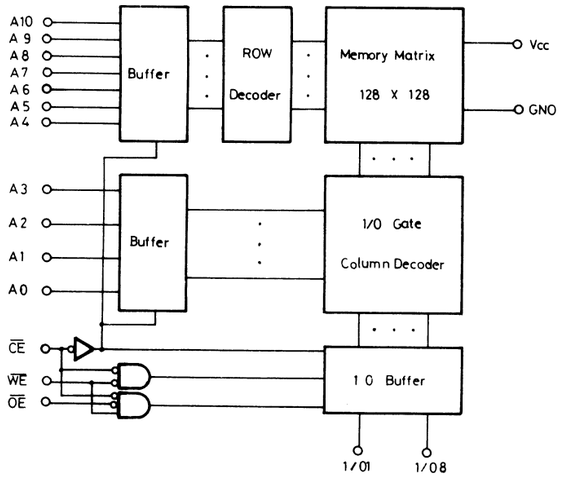


Fig. 6-7

■ CD Control Circuit

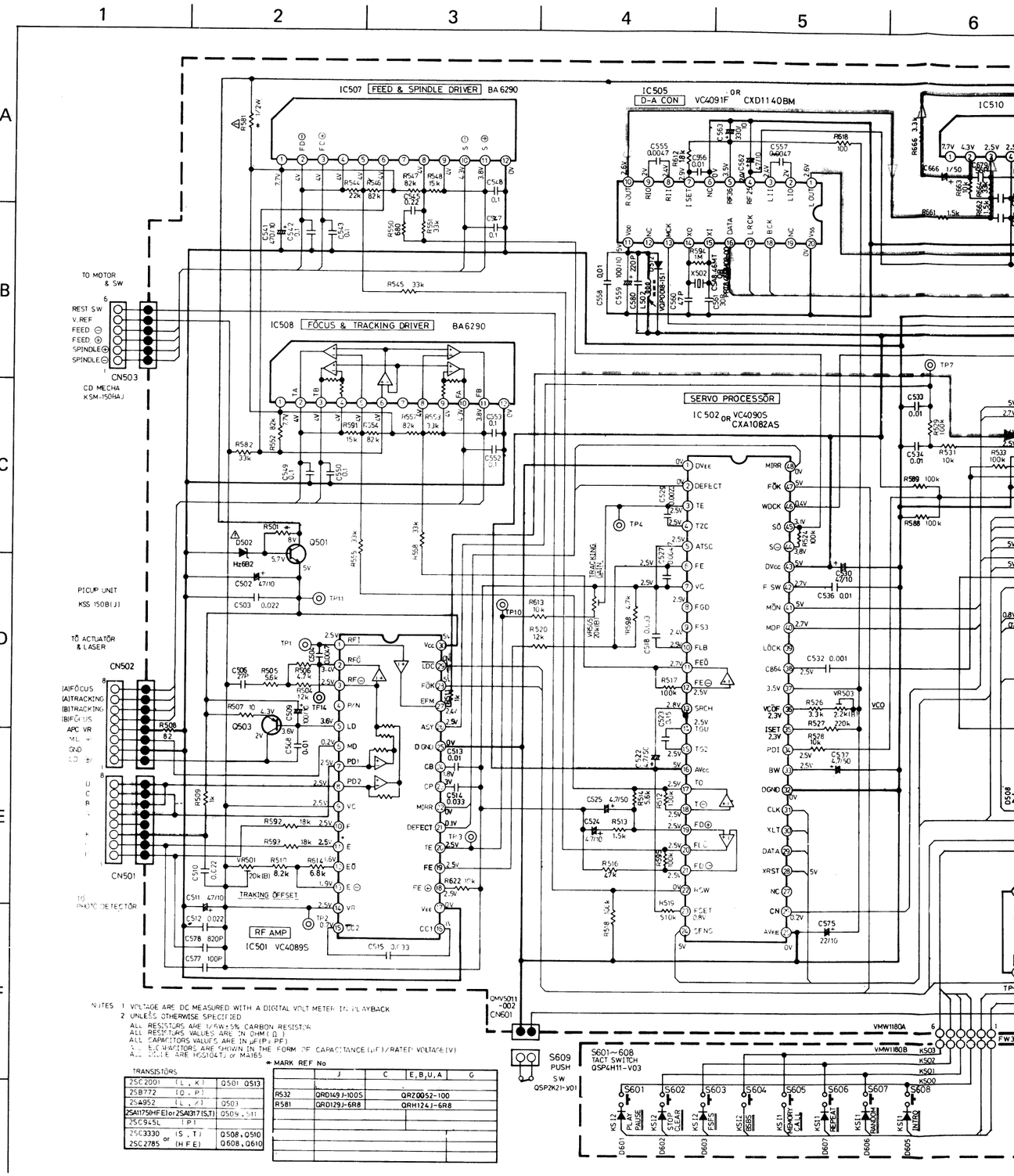
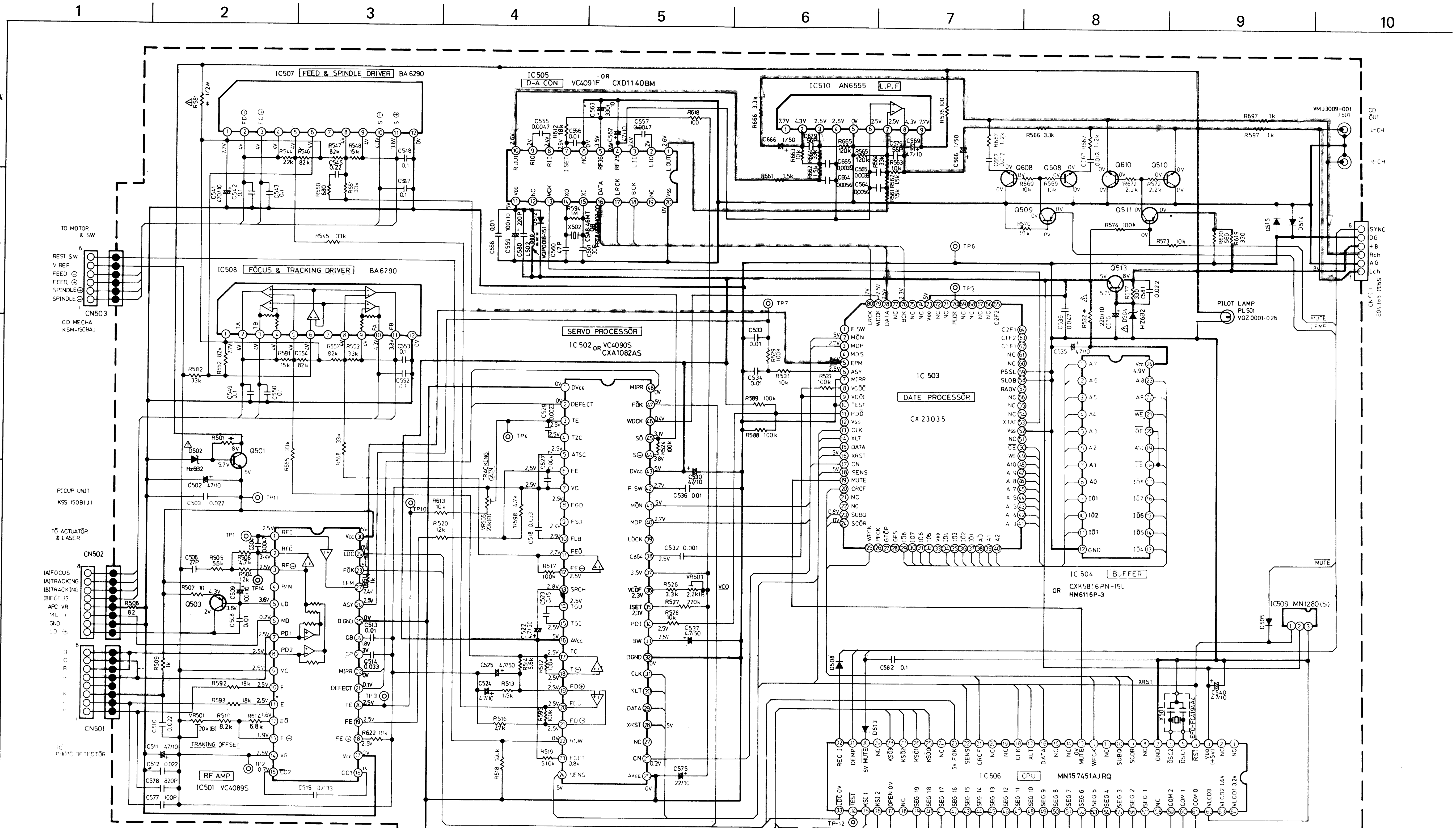


Fig. 6-8

■ CD Control Circuit



NOTES 1 VOLTAGE ARE DC MEASURED WITH A DIGITAL VOLT METER IN PLAYBACK
2 UNLESS OTHERWISE SPECIFIED
ALL RESISTORS ARE 1/6W±5% CARBON RESISTOR
ALL RESISTORS VALUES ARE IN OHM(Ω)
ALL CAPACITORS VALUES ARE IN μF(P=PF)
ALL E.CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE(μF)/RATED VOLTAGE(V)
ALL DIODE ARE HSS104TJ or MA165

TRANSISTORS

2SC2001	(L, K)	Q501 Q513
2SB772	(Q, P)	
2SA952	(L, K)	Q503
2SA1175(HFE) or 2SA1317(S,T)		Q509, 511
2SC945L	(P)	
2SC3330 or 2SC2785	(S, T) (HFE)	Q508, Q510 Q608, Q610

✱ MARK REF No

	J	C	E,B,U,A	G
R532	QRD149J-100S	QRZ0052-100		
R581	QRD129J-6R8	QRH124J-6R8		

NOTES 3. REF,NO

R501~598	BLANK NO	R502,503,515,521~523 525,530,534~543,578,579 549,556,559,560,568,571,575,580,583~587,590,596
R612~697		R617 ,615,616,623~660,668,670,671,673~696
C502~583		C505,507,516,517,519~521,526,528,531,538,544,546. 551,554,568,571~573,576,574
C664~679		C668~678
D502~512		D503,506,507,510,511

Fig. 6-8

Red line shows the signal at analog DATA

Red line shows the signal at digital DATA

+B Line

7 Wiring Connections

Color codes are shown below.

1 ..... Brown
2 ..... Red
3 ..... Orange
4 ..... Yellow
5 ..... Green
6 ..... Blue
7 ..... Violet
8 ..... Gray
9 ..... White
0 ..... Black
D ..... Pink
C ..... Light Blue

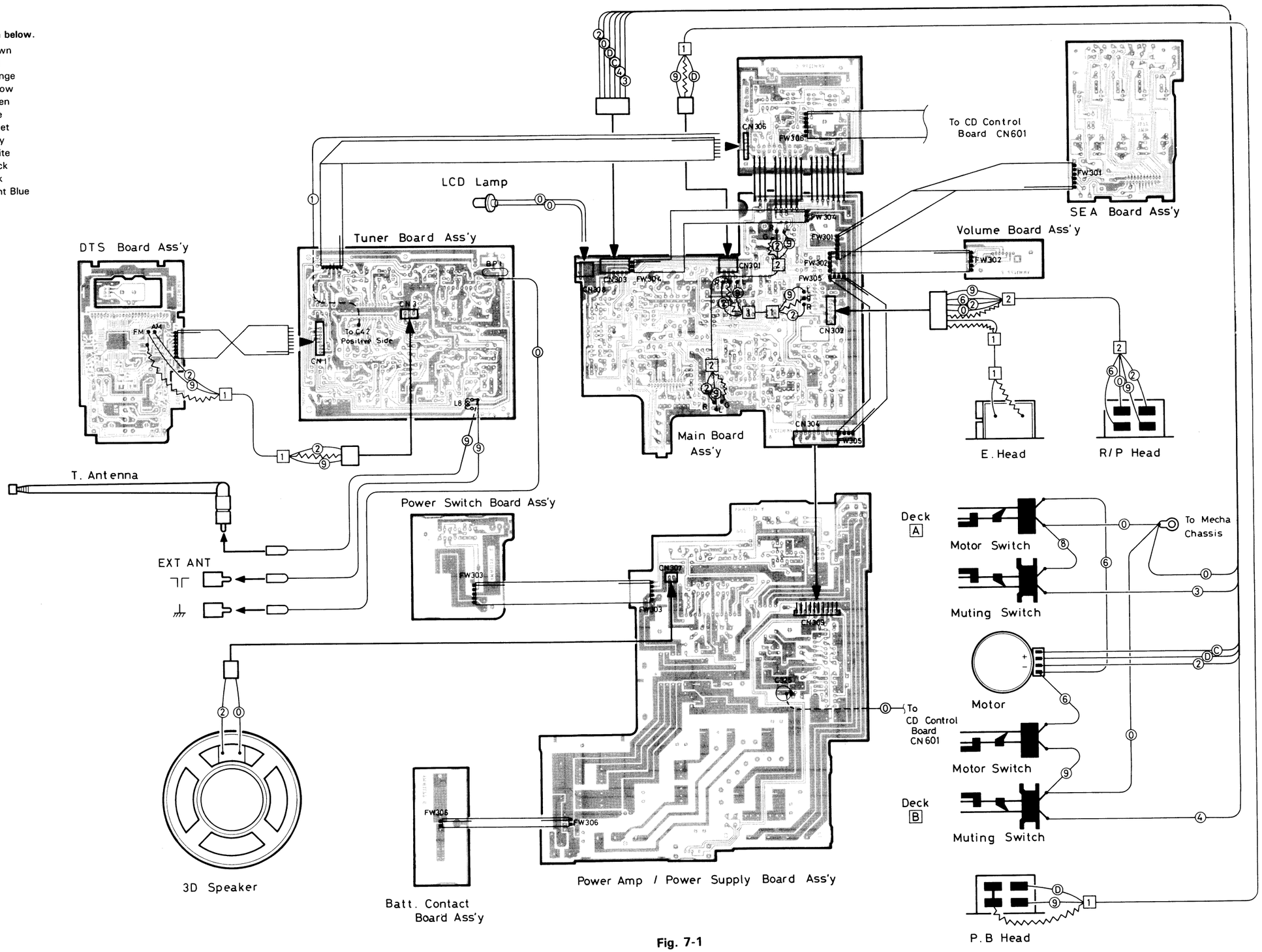


Fig. 7-1

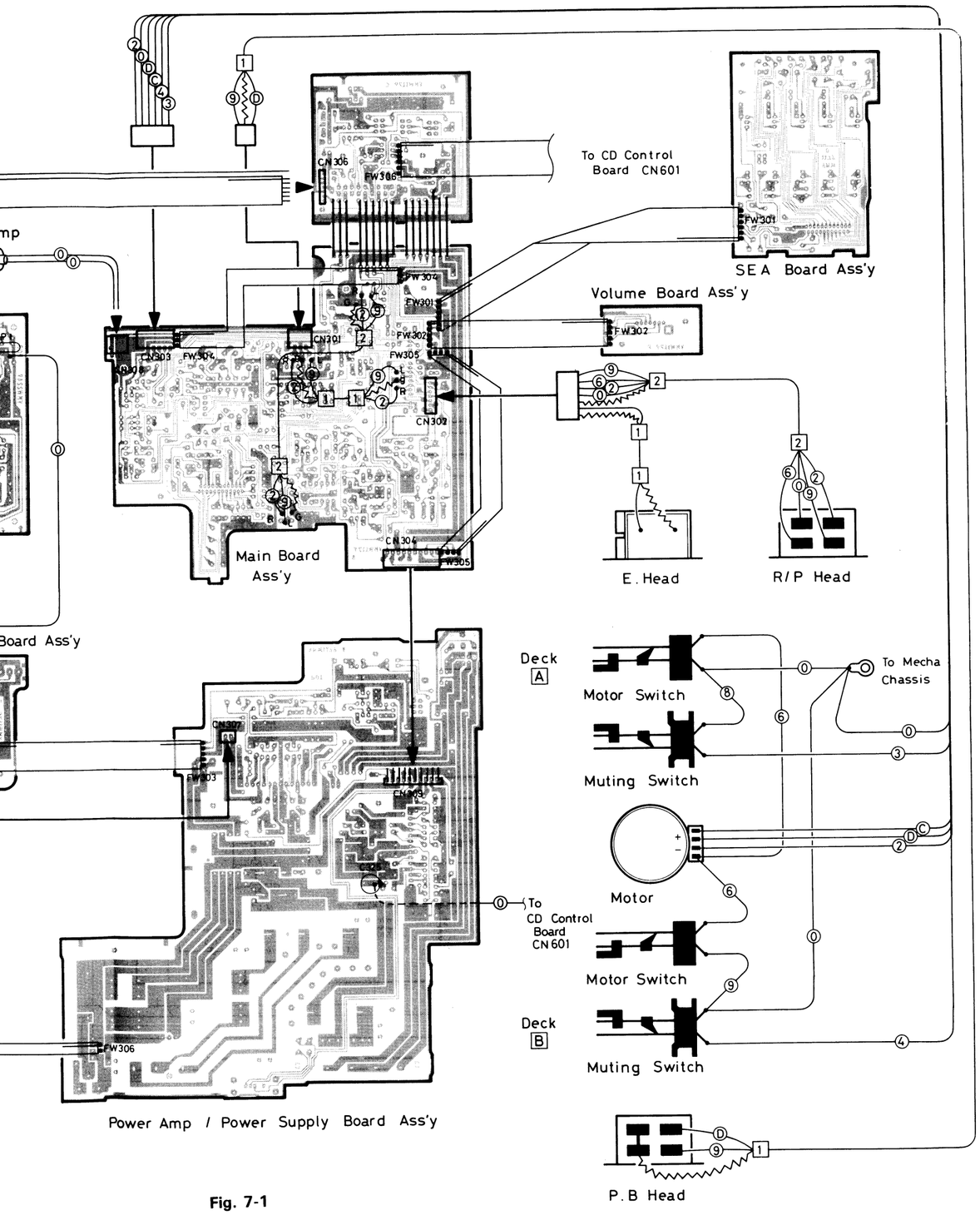

To CD Control Board CN601
SEA Board Ass'y
Volume Board Ass'y
Main Board Ass'y
E.Head
R/P Head
Deck A
Motor Switch
To Mecha Chassis
Muting Switch
Motor
To CD Control Board CN601
Motor Switch
Deck B
Muting Switch
P.B Head
Power Amp / Power Supply Board Ass'y

Fig. 7-1

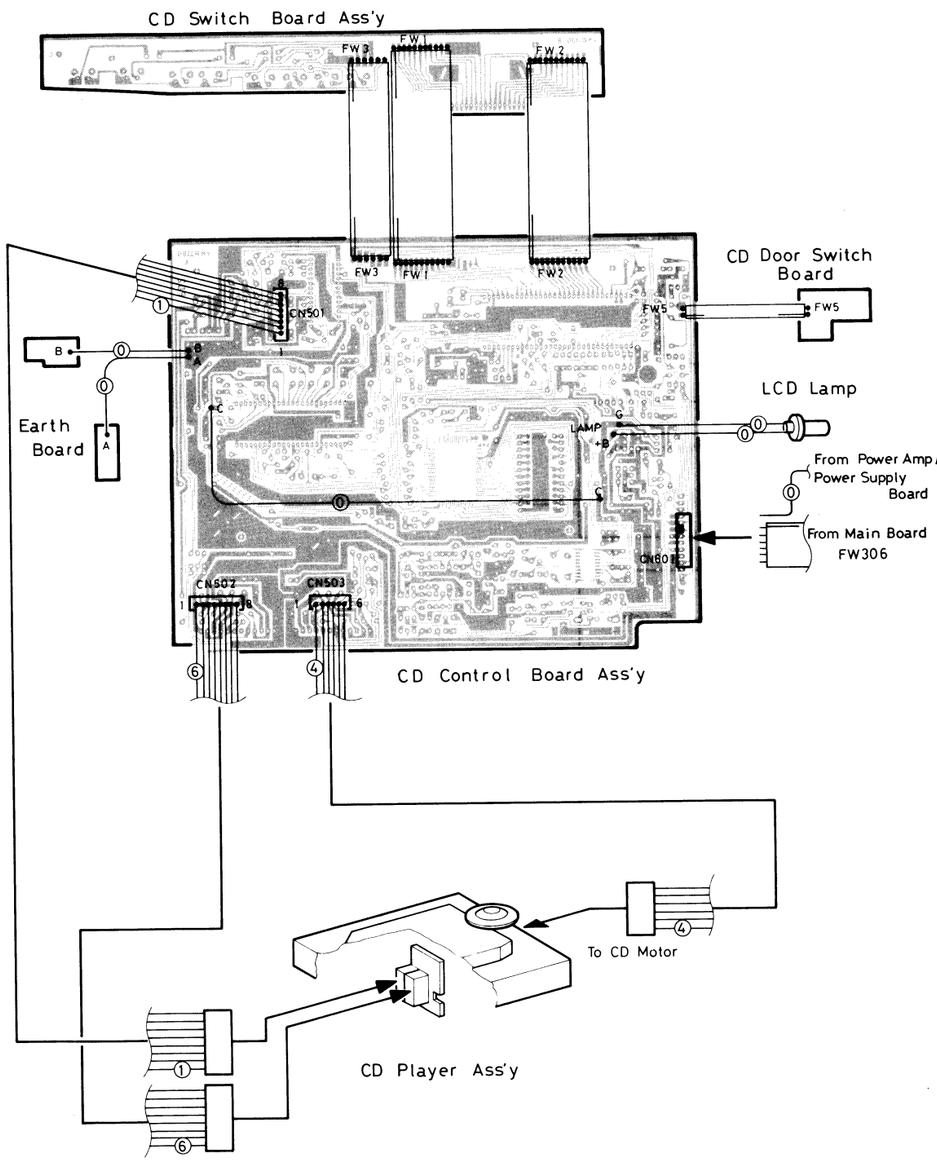

CD Switch Board Ass'y
CD Door Switch Board
LCD Lamp
Earth Board
From Power Amp / Power Supply Board
From Main Board FW306
CD Control Board Ass'y
To CD Motor
CD Player Ass'y

Fig. 7-2

8 Location of P.C. Board Parts and Parts List

Tuner Circuit

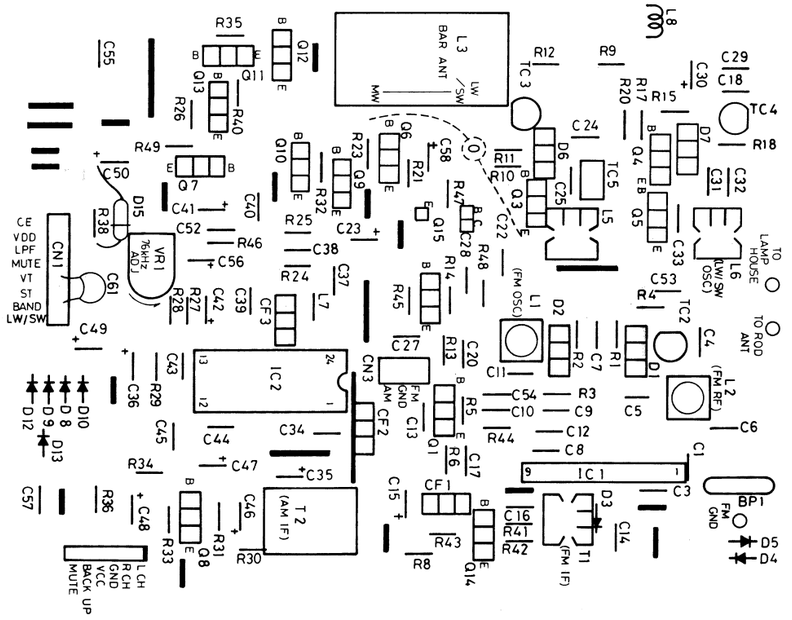


Fig. 8-1

DTS Board

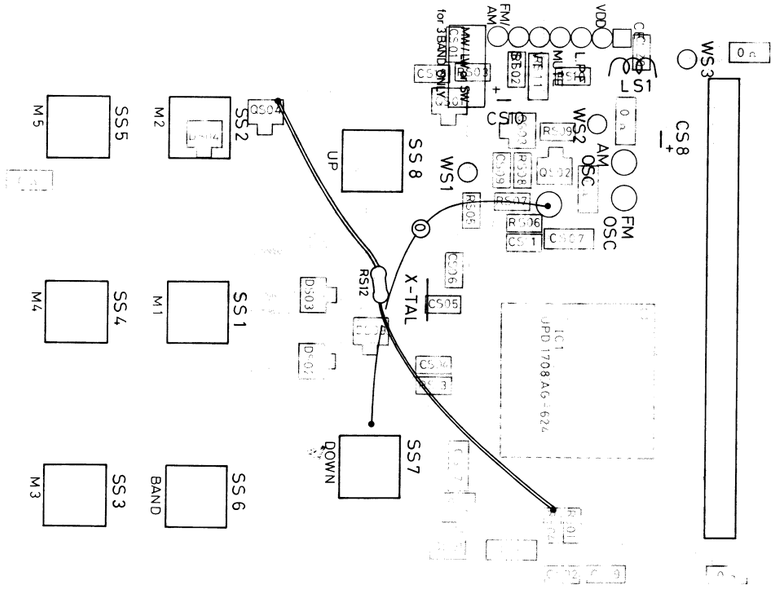
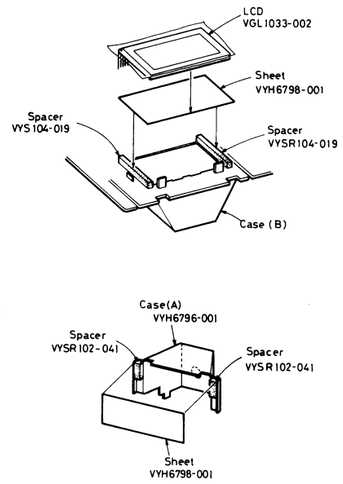


Fig. 8-2



Tuner Board Parts List

⚠ parts are safety assurance parts.
When replacing those parts, make sure to use the specified one.

⚠	REF. NO	PARTS NO.	PARTS NAME
	BP01	VBP4M3B-005	BP FILTER
	CN01	VMC0106-008	CONNECTOR
	CN03	QMV5011-003	CONNECTOR
	C001	QCSB1HJ-200Y	C CAPACITOR
	C003	QCBB1HK-102Y	C.CAPACITOR
	C004	QCS31HJ-120Z	C.CAPACITOR
	C005	QCSB1HK-5R6Y	C CAPACITOR
	C006	QCF31HP-103Z	C.CAPACITOR
	C007	QCC31EM-473ZV	C.CAPACITOR
	C008	QCT30CH-100Y	C.CAPACITOR
	C009	QCT30CH-200Y	C.CAPACITOR
	C010	QCT30CH-2R2Y	C.CAPACITOR
	C011	QCT30CH-180Y	C.CAPACITOR
	C012	QCF31HP-103Z	C.CAPACITOR
	C013	QCBB1HK-102Y	C.CAPACITOR
	C014	QCF31HP-103Z	C.CAPACITOR
	C015	QETC1CM-106ZN	E.CAPACITOR
	C016	QCVB1CN-103Y	C.CAPACITOR
	C017	QCF31HP-103Z	C.CAPACITOR
	C018	QCSB1HJ-330Y	C.CAPACITOR
	C020	QCF31HP-223Z	C.CAPACITOR
	C022	QCC31EM-1042V	C.CAPACITOR
	C023	QETC1CM-106ZN	E.CAPACITOR
	C024	QCC31EM-473ZV	C.CAPACITOR
	C025	QFS41HJ-391	P.S.CAPACITOR
	C027	QCF31HP-103Z	C.CAPACITOR
	C028	QCBB1HK-102Y	C.CAPACITOR
	C029	QCS31HJ-8R0Z	C.CAPACITOR
	C030	QETC1HM-104Z	E.CAPACITOR
	C031	QCSB1HJ-150Y	C.CAPACITOR
	C032	QCS31HJ-221Z	C.CAPACITOR
	C033	QCS11HJ-151	C.CAPACITOR
	C034	QCC31EM-473ZV	C.CAPACITOR
	C035	QETC1AM-226ZN	E.CAPACITOR
	C036	QETC1AM-107ZN	E.CAPACITOR
	C037	QCC31EM-473ZV	C.CAPACITOR
	C038	QCXB1CM-222Y	C.CAPACITOR
	C039	QCC31EM-103ZV	C.CAPACITOR
	C040	QCBB1HK-331Y	C.CAPACITOR
	C041	QETC1HM-335ZN	E.CAPACITOR
	C042	QETC1HM-105ZN	E.CAPACITOR
	C043	QFS41HJ-102	P.S.CAPACITOR
	C044	QCC31EM-103ZV	C.CAPACITOR
	C045	QCC31EM-103ZV	C.CAPACITOR
	C046	QETC1HM-224ZN	E.CAPACITOR
	C047	QETC1HM-474ZN	E.CAPACITOR
	C048	QETC1HM-474ZN	E.CAPACITOR
	C049	QETC0JM-477ZN	E.CAPA.
	C050	VCE0004-002	SUPER CAP.
	C052	QCY41HK-222	C.CAPACITOR
	C053	QCBB1HK-151Y	C.CAPACITOR
	C054	QCBB1HK-471Y	C.CAPACITOR
	C055	QCBB1HK-151Y	C.CAPACITOR
	C056	QETC1HM-335ZN	E.CAPACITOR
	C057	QCC31EM-473ZV	C.CAPACITOR
	C058	QETC1HM-105ZN	E.CAPACITOR
	C061	QCS11HJ-151	C.CAPACITOR
	D001	KV1330	VARI CAP
	D002	KV1330	VARI CAP
	D003	MA165	SI DIODE
	D004	HSS104TJ	SI DIODE
	D005	HSS104TJ	SI DIODE
	D006	KV1250	VARI CAP
	D007	KV1250	VARI CAP
	D008	MA700-TA	ZENER DIODE
	D009	HSS104TJ	SI DIODE
	D010	HSS104TJ	SI DIODE
	D012	HSS104TJ	SI DIODE
	D013	HZ4C2	Z DIODE
	D015	MA165	SI DIODE
	IC01	AN7205	IC
	IC02	LA1810-K	IC
	L001	V03105-029	OSC COIL
	L002	VQF1B11-003	RF COIL
	L003	VQB010B-501	BAR ANTENA
	L004	VQB010B-501	BAR ANTENA
	L005	VQM7U02-402	OSC COIL(MW)
	L006	VQL7U02-501	OSC COIL(LW)
	L007	VQP0012-8R2	INDUCTOR
	L008	V03047-17	COIL
	Q001	2SC2668(D)E4	TRANSISTOR
	Q002	2SC2839(E)AC	TRANSISTOR
	Q003	2SC2839(E)AC	TRANSISTOR
	Q004	2SC3330(S,T)AC	TRANSISTOR
	Q005	2SC3330(S,T)AC	TRANSISTOR
	Q006	2SC3330(S,T)AC	TRANSISTOR
	Q007	2SC3330(S,T)AC	TRANSISTOR
	Q008	2SA1317(S,T)AC	TRANSISTOR
	Q009	2SA1317(S,T)AC	TRANSISTOR
	Q010	2SC3330(S,T)AC	TRANSISTOR
	Q011	2SA1317(S,T)AC	TRANSISTOR
	Q012	2SC3330(S,T)AC	TRANSISTOR
	Q013	2SC3330(S,T)AC	TRANSISTOR
	Q014	2SC2839(E)AC	TR ﾀｰﾋﾟﾝｸﾞ
	Q015	2SC3330(S,T)	TRANSISTOR
	R001	QRD161J-104YT	C RESISTOR
	R002	QRD161J-103YT	C RESISTOR
	R003	QRD161J-4R7YT	C RESISTOR
	R004	QRD161J-102YT	C RESISTOR
	R005	QRD161J-823YT	C RESISTOR
	R006	QRD161J-102YT	C RESISTOR
	R008	QRD161J-820YT	C RESISTOR
	R009	QRD161J-102YT	C RESISTOR
	R010	QRD161J-104YT	C RESISTOR
	R011	QRD161J-104YT	C RESISTOR
	R012	QRD161J-103YT	C RESISTOR
	R013	QRD161J-152YT	C RESISTOR
	R014	QRD161J-473YT	C RESISTOR
	R015	QRD161J-102YT	C RESISTOR
	R017	QRD161J-103YT	C RESISTOR
	R018	QRD161J-104YT	C RESISTOR
	R020	QRD161J-103YT	C RESISTOR
	R021	QRD161J-103YT	C RESISTOR
	R023	QRD161J-103YT	C RESISTOR
	R024	QRD161J-182YT	C RESISTOR
	R025	QRD161J-103YT	C RESISTOR
	R026	QRD161J-332YT	C RESISTOR
	R027	QRD161J-154YT	C RESISTOR
	R028	QRD161J-223YT	C RESISTOR
	R029	QRD161J-222YT	C RESISTOR
	R030	QRD161J-103YT	C RESISTOR
	R031	QRD161J-103YT	C RESISTOR
	R032	QRD161J-103YT	C RESISTOR
	R033	QRD161J-222YT	C RESISTOR
	R035	QRD161J-103YT	C RESISTOR
	R036	QRD161J-220YT	C RESISTOR
	R038	QRD161J-331YT	C RESISTOR
	R040	QRD161J-103YT	C RESISTOR
	R041	QRD161J-564YT	C RESISTOR
	R042	QRD161J-331YT	C RESISTOR
	R043	QRD161J-121YT	C RESISTOR
	R044	QRD161J-101YT	C RESISTOR
	R045	QRD161J-101YT	C RESISTOR
	R046	QRD161J-152YT	C RESISTOR
	R047	QRD161J-103YT	C RESISTOR
	R048	QRD161J-273YT	C RESISTOR
	R049	QRD161J-103YT	C RESISTOR
	R34	QRD161J-222YT	C RESISTOR
	TC02	QAT3620-100M	T CAPACITOR
	TC03	QAT3620-100M	T CAPACITOR
	TC04	QAT3620-200M	T CAPACITOR
	TC05	QAT3720-600M	T.CAPACITOR
	T001	VQT7F12-109	IFT
	T002	VQT7A21-103	IFT
	VR01	QVZ3512-103	V.RESISTOR

DTS Parts List

⚠	REF. NO	PARTS NO.	PARTS NAME
	CS01	NCS21HJ-151AY	C.CAPACITOR
	CS03	NCB21EK-473AY	C CAPACITOR
	CS04	NCB21EK-103AY	C.CAPACITOR
	CS05	NCS21HJ-121AY	C.CAPACITOR
	CS06	NCT21CH-220AY	C CAPACITOR
	CS07	QCF81EZ-224Y	C CAPACITOR
	CS08	QER40GM-476VM	E CAPACITOR
	CS09	NCB21HK-222AY	C CAPACITOR
	CS10	QER41HM-225VM	E.CAPACITOR
	CS11	NCB21EK-103AY	C.CAPACITOR
	CS17	QCS81HK-151Y	C CAPACITOR
	CS18	NCS21HJ-151AY	C.CAPACITOR
	CS19	NCB21EK-473AY	C CAPACITOR
	CS20	NCB21EK-473AY	C CAPACITOR
	DS02	MC2838W	DIODE
	DS03	MC2838W	DIODE
	DS04	MC2838W	DIODE
	DS05	MC2838W	DIODE
	DS07	MC2838W	DIODE
	DS08	MC2838W	DIODE
	DS09	MC2838W	DIODE
	DS10	MC2838W	DIODE
	ICS1	UPD1708AG-624	IC
	LS01	VQP0012-471	INDUCTOR
	QS01	2SA1179M.6TB	TRANSISTOR
	QS02	2SC2812L-6TB	TRANSISTOR
	QS03	2SC2812L-6TB	TRANSISTOR
	QS04	2SA1179M.6TB	TRANSISTOR
	RS01	NRSA02J-223NY	MG RESISTOR
	RS02	NRSA02J-152NY	MG RESISTOR
	RS03	NRSA02J-223NY	MG RESISTOR
	RS04	NRSA02J-223NY	MG RESISTOR
	RS05	NRSA02J-223NY	MG RESISTOR
	RS06	NRSA02J-332NY	MG RESISTOR
	RS07	NRSA02J-472NY	MG RESISTOR
	RS08	NRSA02J-152NY	MG RESISTOR
	RS09	NRSA02J-471NY	MG RESISTOR
	RS10	NRSA02J-332NY	MG RESISTOR
	RS11	NRS181J-102NY	MG RESISTOR
	RS12	QRD161J-223	CARBON RESISTOR
	RS13	NRSA02J-473NY	MG REGISTOR
	SS01	QSP0301-002M	TACT SWITCH
	SS02	QSP0301-002M	TACT SWITCH
	SS03	QSP0301-002M	TACT SWITCH
	SS04	QSP0301-002M	TACT SWITCH
	SS05	QSP0301-002M	TACT SWITCH
	SS06	QSP0301-002M	TACT SWITCH
	SS07	QSP0301-002M	TACT SWITCH
	SS08	QSP0301-002M	TACT SWITCH

8 Location of P.C. Board Parts and Parts List

Tuner Circuit

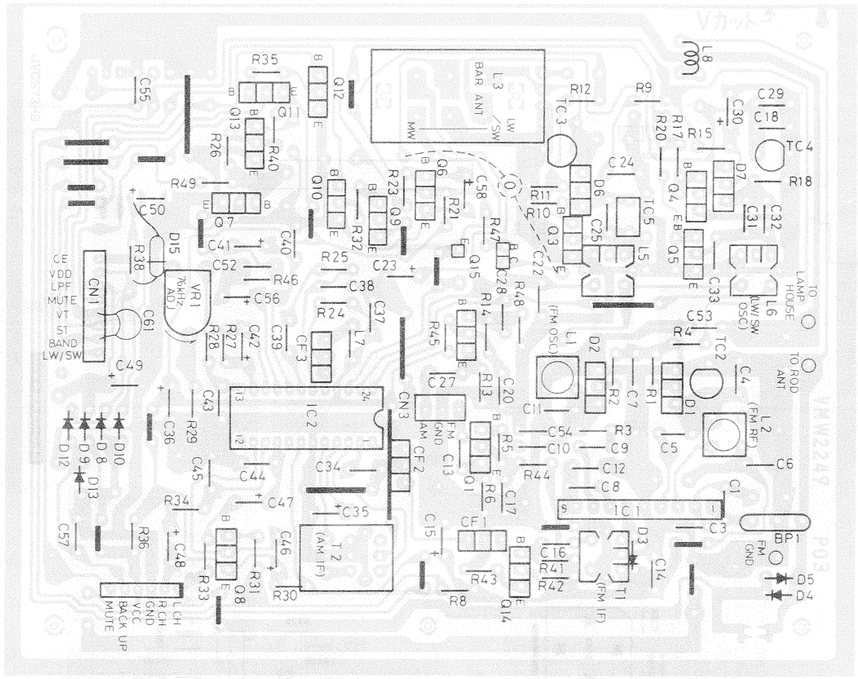


Fig. 8-1

DTS Board

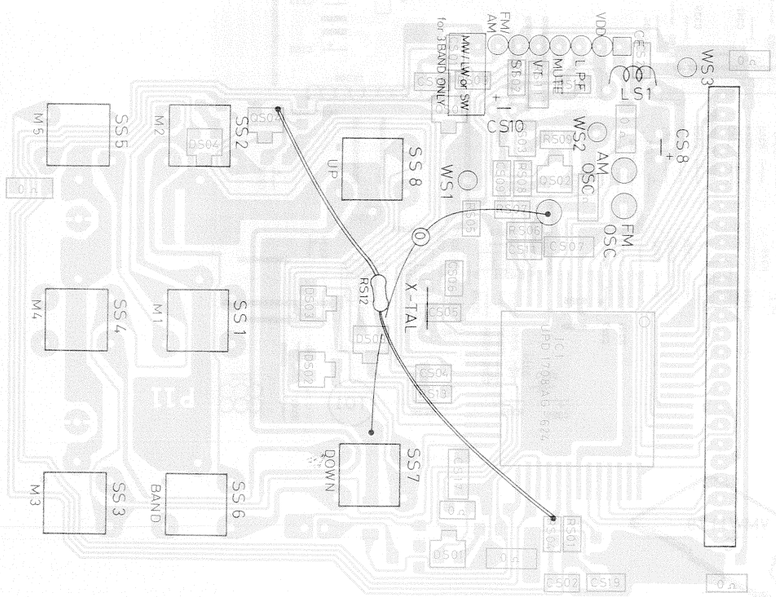
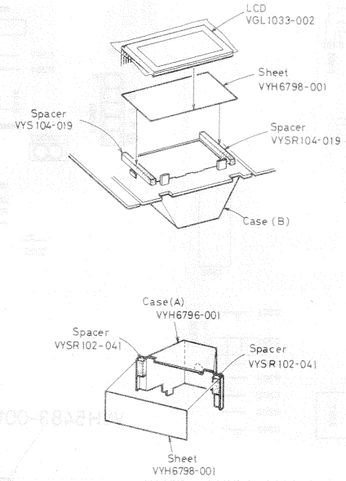


Fig. 8-2



Tuner Board Parts List

⚠ parts are safety assurance parts.
When replacing those parts, make sure to use the specified one.

⚠	REF. NO	PARTS NO.	PARTS NAME
	BP01	VBP4M3B-005	BP FILTER
	CN01	VMC0106-008	CONNECTOR
	CN03	QMV5011-003	CONNECTOR
	C001	QCSB1HJ-200Y	C CAPACITOR
	C003	QCBB1HK-102Y	C.CAPACITOR
	C004	QCS31HJ-120Z	C.CAPACITOR
	C005	QCSB1HK-5R6Y	C CAPACITOR
	C006	QCF31HP-103Z	C.CAPACITOR
	C007	QCC31EM-473ZV	C.CAPACITOR
	C008	QCT30CH-100Y	C.CAPACITOR
	C009	QCT30CH-200Y	C.CAPACITOR
	C010	QCT30CH-2R2Y	C.CAPACITOR
	C011	QCT30CH-180Y	C.CAPACITOR
	C012	QCF31HP-103Z	C.CAPACITOR
	C013	QCBB1HK-102Y	C.CAPACITOR
	C014	QCF31HP-103Z	C.CAPACITOR
	C015	QETC1CM-106ZN	E.CAPACITOR
	C016	QCVB1CN-103Y	C.CAPACITOR
	C017	QCF31HP-103Z	C.CAPACITOR
	C018	QCSB1HJ-330Y	C.CAPACITOR
	C020	QCF31HP-223Z	C.CAPACITOR
	C022	QCC31EM-104ZV	C.CAPACITOR
	C023	QETC1CM-106ZN	E.CAPACITOR
	C024	QCC31EM-473ZV	C.CAPACITOR
	C025	QFS41HJ-391	P.S.CAPACITOR
	C027	QCF31HP-103Z	C.CAPACITOR
	C028	QCBB1HK-102Y	C.CAPACITOR
	C029	QCS31HJ-8R0Z	C.CAPACITOR
	C030	QETC1HM-104Z	E.CAPACITOR
	C031	QCSB1HJ-150Y	C.CAPACITOR
	C032	QCS31HJ-221Z	C.CAPACITOR
	C033	QCS11HJ-151	C.CAPACITOR
	C034	QCC31EM-473ZV	C.CAPACITOR
	C035	QETC1AM-226ZN	E.CAPACITOR
	C036	QETC1AM-107ZN	E.CAPACITOR
	C037	QCC31EM-473ZV	C.CAPACITOR
	C038	QCXB1CM-222Y	C.CAPACITOR
	C039	QCC31EM-103ZV	C.CAPACITOR
	C040	QCBB1HK-331Y	C.CAPACITOR
	C041	QETC1HM-335ZN	E.CAPACITOR
	C042	QETC1HM-105ZN	E.CAPACITOR
	C043	QFS41HJ-102	P.S.CAPACITOR
	C044	QCC31EM-103ZV	C.CAPACITOR
	C045	QCC31EM-103ZV	C.CAPACITOR
	C046	QETC1HM-224ZN	E.CAPACITOR
	C047	QETC1HM-474ZN	E.CAPACITOR
	C048	QETC1HM-474ZN	E.CAPACITOR
	C049	QETC0JM-477ZN	E.CAPA.
	C050	VCE0004-002	SUPER CAP.
	C052	QCY41HK-222	C.CAPACITOR
	C053	QCBB1HK-151Y	C.CAPACITOR
	C054	QCBB1HK-471Y	C.CAPACITOR
	C055	QCBB1HK-151Y	C.CAPACITOR
	C056	QETC1HM-335ZN	E.CAPACITOR
	C057	QCC31EM-473ZV	C.CAPACITOR
	C058	QETC1HM-105ZN	E.CAPACITOR
	C061	QCS11HJ-151	C.CAPACITOR
	D001	KV1330	VARI CAP
	D002	KV1330	VARI CAP
	D003	MA165	SI DIODE
	D004	HSS104TJ	SI DIODE
	D005	HSS104TJ	SI DIODE
	D006	KV1250	VARI CAP
	D007	KV1250	VARI CAP
	D008	MA700-TA	ZENER DIODE
	D009	HSS104TJ	SI DIODE
	D010	HSS104TJ	SI DIODE
	D012	HSS104TJ	SI DIODE
	D013	HZ4C2	Z DIODE
	D015	MA165	SI DIODE
	IC01	AN7205	IC
	IC02	LA1810-K	IC
	L001	VQ3105-029	OSC COIL
	L002	VQF1B11-003	RF COIL
	L003	VQB010B-501	BAR ANTENA
	L004	VQB010B-501	BAR ANTENA
	L005	VQM7U02-402	OSC COIL(MW)
	L006	VQL7U02-501	OSC COIL(LW)
	L007	VQP0012-8R2	INDUCTOR
	L008	VQ3047-17	COIL
	Q001	2SC2668(O)E4	TRANSISTOR
	Q002	2SC2839(E)AC	TRANSISTOR
	Q003	2SC2839(E)AC	TRANSISTOR
	Q004	2SC3330(S,T)AC	TRANSISTOR
	Q005	2SC3330(S,T)AC	TRANSISTOR
	Q006	2SC3330(S,T)AC	TRANSISTOR
	Q007	2SC3330(S,T)AC	TRANSISTOR
	Q008	2SA1317(S,T)AC	TRANSISTOR
	Q009	2SA1317(S,T)AC	TRANSISTOR
	Q010	2SC3330(S,T)AC	TRANSISTOR
	Q011	2SA1317(S,T)AC	TRANSISTOR
	Q012	2SC3330(S,T)AC	TRANSISTOR
	Q013	2SC3330(S,T)AC	TRANSISTOR
	Q014	2SC2839(E)AC	TR ﾀｰﾋﾟﾝｸﾞ
	Q015	2SC3330(S,T)	TRANSISTOR
	R001	QRD161J-104YT	C RESISTOR
	R002	QRD161J-103YT	C RESISTOR
	R003	QRD161J-4R7YT	C RESISTOR
	R004	QRD161J-102YT	C RESISTOR
	R005	QRD161J-823YT	C RESISTOR
	R006	QRD161J-102YT	C RESISTOR
	R008	QRD161J-820YT	C RESISTOR
	R009	QRD161J-102YT	C RESISTOR
	R010	QRD161J-104YT	C RESISTOR
	R011	QRD161J-104YT	C RESISTOR
	R012	QRD161J-103YT	C RESISTOR
	R013	QRD161J-152YT	C RESISTOR
	R014	QRD161J-473YT	C RESISTOR
	R015	QRD161J-102YT	C RESISTOR
	R017	QRD161J-103YT	C RESISTOR
	R018	QRD161J-104YT	C RESISTOR
	R020	QRD161J-103YT	C RESISTOR
	R021	QRD161J-103YT	C RESISTOR
	R023	QRD161J-103YT	C RESISTOR
	R024	QRD161J-182YT	C RESISTOR
	R025	QRD161J-103YT	C RESISTOR
	R026	QRD161J-332YT	C RESISTOR
	R027	QRD161J-154YT	C RESISTOR
	R028	QRD161J-223YT	C RESISTOR
	R029	QRD161J-222YT	C RESISTOR
	R030	QRD161J-103YT	C RESISTOR
	R031	QRD161J-103YT	C RESISTOR
	R032	QRD161J-103YT	C RESISTOR
	R033	QRD161J-222YT	C RESISTOR
	R035	QRD161J-103YT	C RESISTOR
	R036	QRD161J-220YT	C RESISTOR
	R038	QRD161J-331YT	C RESISTOR
	R040	QRD161J-103YT	C RESISTOR
	R041	QRD161J-564YT	C RESISTOR
	R042	QRD161J-331YT	C RESISTOR
	R043	QRD161J-121YT	C RESISTOR
	R044	QRD161J-101YT	C RESISTOR
	R045	QRD161J-101YT	C RESISTOR
	R046	QRD161J-152YT	C RESISTOR
	R047	QRD161J-103YT	C RESISTOR
	R048	QRD161J-273YT	C RESISTOR
	R049	QRD161J-103YT	C RESISTOR
	R34	QRD161J-222YT	C RESISTOR
	TC02	QAT3620-100M	T CAPACITOR
	TC03	QAT3620-100M	T CAPACITOR
	TC04	QAT3620-200M	T CAPACITOR
	TC05	QAT3720-600M	T.CAPACITOR
	T001	VQT7F12-109	IFT
	T002	VQT7A21-103	IFT
	VR01	QVZ3512-103	V.RESISTOR

DTS Parts List

⚠	REF. NO	PARTS NO.	PARTS NAME
	CS01	NCS21HJ-151AY	C.CAPACITOR
	CS03	NCB21EK-473AY	C CAPACITOR
	CS04	NCB21EK-103AY	C.CAPACITOR
	CS05	NCS21HJ-121AY	C.CAPACITOR
	CS06	NCT21CH-220AY	C CAPACITOR
	CS07	QCF81EZ-224Y	C CAPACITOR
	CS08	QER40GM-476VM	E CAPACITOR
	CS09	NCB21HK-222AY	C CAPACITOR
	CS10	QER41HM-225VM	E.CAPACITOR
	CS11	NCB21EK-103AY	C.CAPACITOR
	CS17	QCS81HK-151Y	C CAPACITOR
	CS18	NCS21HJ-151AY	C.CAPACITOR
	CS19	NCB21EK-473AY	C CAPACITOR
	CS20	NCB21EK-473AY	C CAPACITOR
	DS02	MC2838W	DIODE
	DS03	MC2838W	DIODE
	DS04	MC2838W	DIODE
	DS05	MC2838W	DIODE
	DS07	MC2838W	DIODE
	DS08	MC2838W	DIODE
	DS09	MC2838W	DIODE
	DS10	MC2838W	DIODE
	ICS1	UPD1708AG-624	IC
	LS01	VQP0012-471	INDUCTOR
	QS01	2SA1179M.6TB	TRANSISTOR
	QS02	2SC2812L-6TB	TRANSISTOR
	QS03	2SC2812L-6TB	TRANSISTOR
	QS04	2SA1179M.6TB	TRANSISTOR
	RS01	NRSA02J-223NY	MG RESISTOR
	RS02	NRSA02J-152NY	MG RESISTOR
	RS03	NRSA02J-223NY	MG RESISTOR
	RS04	NRSA02J-223NY	MG RESISTOR
	RS05	NRSA02J-223NY	MG RESISTOR
	RS06	NRSA02J-332NY	MG RESISTOR
	RS07	NRSA02J-472NY	MG RESISTOR
	RS08	NRSA02J-152NY	MG RESISTOR
	RS09	NRSA02J-471NY	MG RESISTOR
	RS10	NRSA02J-332NY	MG RESISTOR
	RS11	NRS181J-102NY	MG RESISTOR
	RS12	QRD161J-223	CARBON RESISTOR
	RS13	NRSA02J-473NY	MG REGISTOR
	SS01	QSP0301-002M	TACT SWITCH
	SS02	QSP0301-002M	TACT SWITCH
	SS03	QSP0301-002M	TACT SWITCH
	SS04	QSP0301-002M	TACT SWITCH
	SS05	QSP0301-002M	TACT SWITCH
	SS06	QSP0301-002M	TACT SWITCH
	SS07	QSP0301-002M	TACT SWITCH
	SS08	QSP0301-002M	TACT SWITCH

■ Main Board

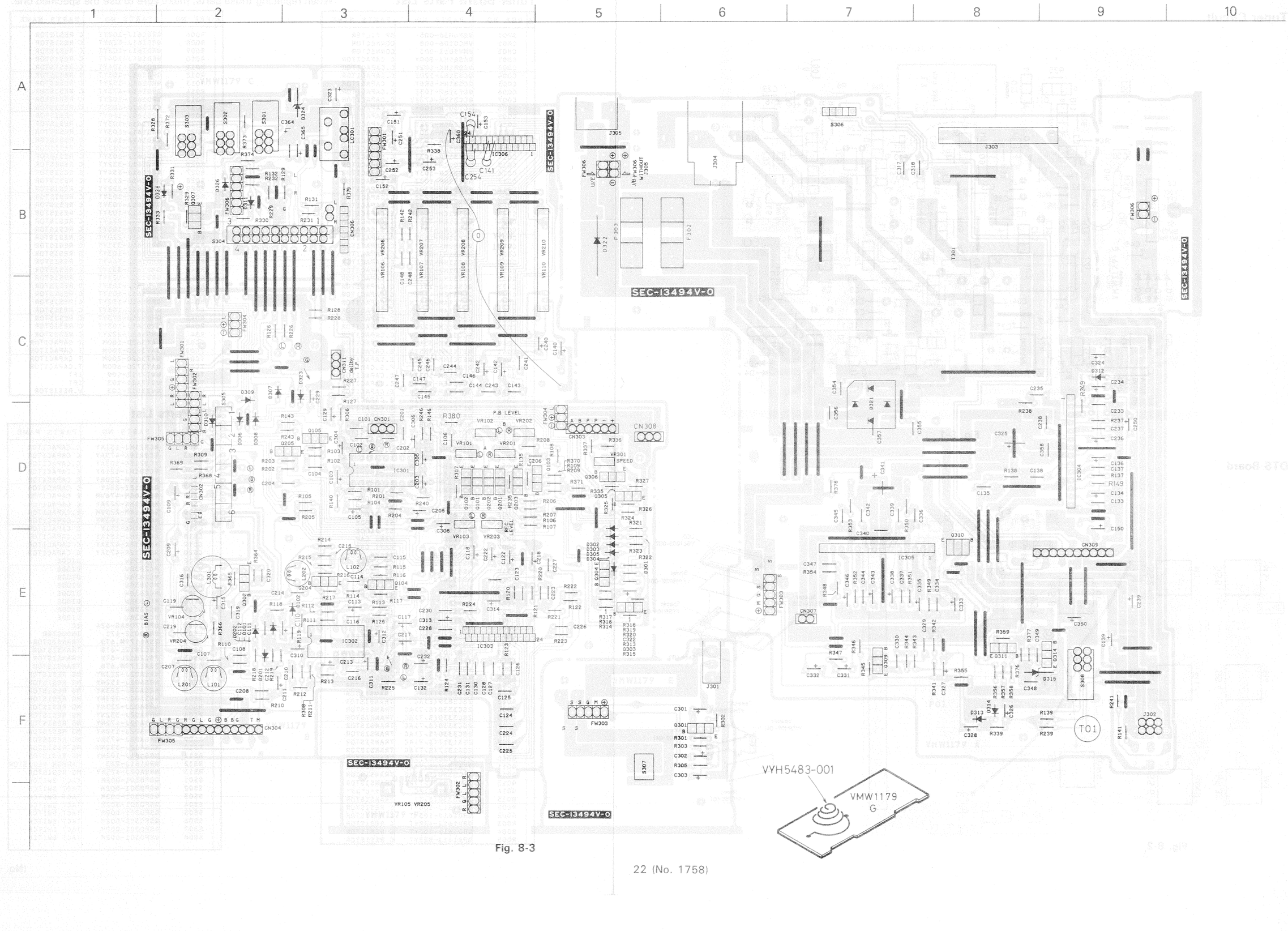


Fig. 8-3

PC-X300 B/E/G	PC-X300 B/E/G

■ Main Board

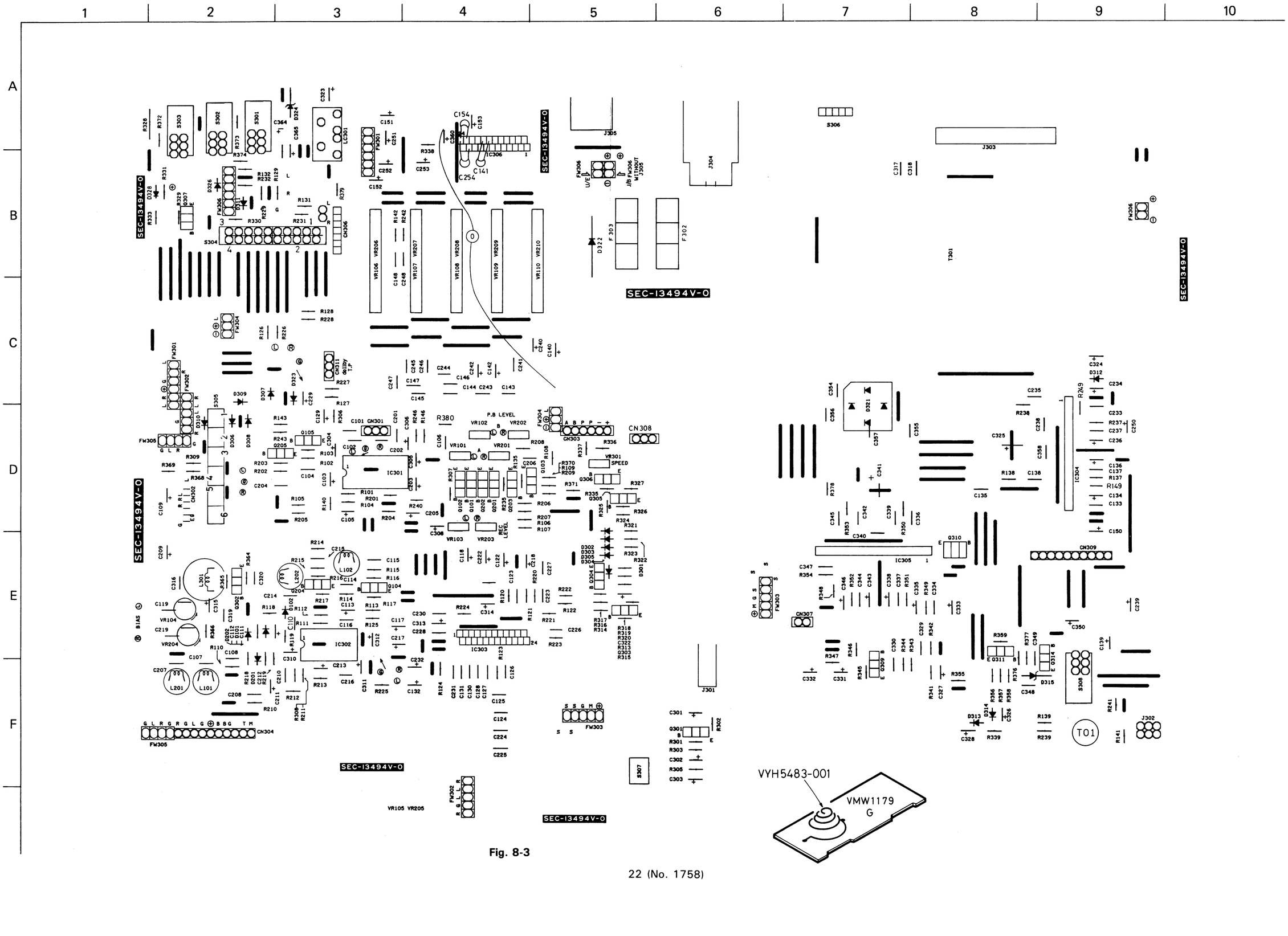


Fig. 8-3

Main Board Parts List

⚠ parts are safety assurance parts.
When replacing those parts, make sure to use the specified one.

⚠	REF. NO	PARTS NO.	PARTS NAME
	D201	HSS104TJ	SI DIODE
	D202	HSS104TJ	SI DIODE
	CN301	QMV5012-003	CONNECTOR
	CN302	53014-0710	CONNECTOR
	CN303	QMV5012-006	CONNECTOR
	CN304	QMV7001-010	CONNECTOR
	CN306	VMC0106-R07	CONNECTOR
	CN307	QMV5011-002	CONNECTOR
	CN308	VMC0007-003	CONNECTOR
	CN309	QMV5001-010	CONNECTOR
	CN311	QMV5012-003	CONNECTOR
	C101	QCBB1HK-561Y	C.CAPACITOR
	C102	QCBB1HK-561Y	C.CAPACITOR
	C103	QETC1AM-107ZM	E.CAPACITOR
	C104	QCC31EM-123ZV	C.CAPACITOR
	C105	QETC1HM-335ZM	E.CAPACITOR
	C106	QCC31EM-333ZV	C.CAPACITOR
	C107	QCS31HJ-271Z	C.CAPACITOR
	C108	QCBB1HK-102Y	C.CAPACITOR
	C109	QETC1HM-335ZM	E.CAPACITOR
	C110	QCC31EM-273ZV	C.CAPACITOR
	C111	QETC1HM-335ZM	E.CAPACITOR
	C112	QCC31EM-104ZV	C.CAPACITOR
	C113	QETC1HM-475ZM	E.CAPACITOR
	C114	QCY31HK-822Z	C.CAPACITOR
	C115	QCC31EM-123ZV	C.CAPACITOR
	C116	QCBB1HK-471Y	C.CAPACITOR
	C117	QETC1HM-335ZM	E.CAPACITOR
	C118	QETC1HM-335ZM	E.CAPACITOR
	C119	QCBB1HK-331Y	C.CAPACITOR
	C122	QETC1HM-335ZM	E.CAPACITOR
	C123	QCC31EM-333ZV	C.CAPACITOR
	C124	QFV11HJ-104ZM	TF CAPACITOR
	C125	QFV11HJ-103ZM	TF CAPACITOR
	C126	QFN31HJ-472Z	M.CAPACITOR
	C127	QFV71HJ-333ZM	TF.CAPACITOR
	C128	QCBB1HK-102Y	C.CAPACITOR
	C129	QETC1HM-335ZM	E.CAPACITOR
	C130	QCBB1HK-102Y	C.CAPACITOR
	C131	QCBB1HK-331Y	C.CAPACITOR
	C132	QETC1HM-335ZM	E.CAPACITOR
	C133	QCBB1HK-471Y	C.CAPACITOR
	C134	QETC1AM-226ZM	E.CAPACITOR
	C135	QCC31EM-104ZV	C.CAPACITOR
	C136	QETC1AM-476ZM	E.CAPACITOR
	C137	QCVB1CM-103Y	C.CAPACITOR
	C138	QCC31EM-683ZV	C.CAPACITOR
	C139	QETC1AM-477ZN	E.CAPACITOR
	C140	QETC1HM-225ZM	E.CAPACITOR
	C141	QCC11EM-683V	C CAPACITOR
	C142	QETC1HM-474ZM	E.CAPACITOR
	C143	QCC31EM-153ZV	C.CAPACITOR
	C144	QCC31EM-104ZV	C.CAPACITOR
	C145	QCC31EM-333ZV	C.CAPACITOR
	C146	QCXB1CM-392Y	C.CAPACITOR
	C147	QCBB1HK-821Y	C.CAPACITOR
	C148	QCVB1CM-103Y	C.CAPACITOR
	C150	QETC1HM-475ZM	E.CAPACITOR
	C151	QETC1HM-475ZM	E.CAPACITOR
	C152	QETC1HM-475ZM	E.CAPACITOR
	C153	QETC1HM-475ZM	E.CAPACITOR
	C154	QCS11HJ-151	C.CAPACITOR
	C201	QCBB1HK-561Y	C.CAPACITOR
	C202	QCBB1HK-561Y	C.CAPACITOR
	C203	QETC1AM-107ZM	E.CAPACITOR
	C204	QCC31EM-123ZV	C.CAPACITOR
	C205	QETC1HM-335ZM	E.CAPACITOR
	C206	QCC31EM-333ZV	C.CAPACITOR
	C207	QCS31HJ-271Z	C.CAPACITOR
	C208	QCBB1HK-102Y	C.CAPACITOR

⚠	REF. NO	PARTS NO.	PARTS NAME
	C209	QETC1HM-335ZM	E.CAPACITOR
	C210	QCC31EM-273ZV	C.CAPACITOR
	C211	QETC1HM-335ZM	E.CAPACITOR
	C212	QCC31EM-104ZV	C.CAPACITOR
	C213	QETC1HM-475ZM	E.CAPACITOR
	C214	QCY31HK-822Z	C.CAPACITOR
	C215	QCC31EM-123ZV	C.CAPACITOR
	C216	QCBB1HK-471Y	C.CAPACITOR
	C217	QETC1HM-335ZM	E.CAPACITOR
	C218	QETC1HM-335ZM	E.CAPACITOR
	C219	QCBB1HK-331Y	C.CAPACITOR
	C222	QETC1HM-335ZM	E.CAPACITOR
	C223	QCC31EM-333ZV	C.CAPACITOR
	C224	QFV11HJ-104ZM	TF CAPACITOR
	C225	QFV11HJ-103ZM	TF CAPACITOR
	C226	QFN31HJ-472Z	M.CAPACITOR
	C227	QFV71HJ-333ZM	TF.CAPACITOR
	C228	QCBB1HK-102Y	C.CAPACITOR
	C229	QETC1HM-335ZM	E.CAPACITOR
	C230	QCBB1HK-102Y	C.CAPACITOR
	C231	QCBB1HK-331Y	C.CAPACITOR
	C232	QETC1HM-335ZM	E.CAPACITOR
	C233	QCBB1HK-471Y	C.CAPACITOR
	C234	QETC1AM-226ZM	E.CAPACITOR
	C235	QCC31EM-104ZV	C.CAPACITOR
	C236	QETC1AM-476ZM	E.CAPACITOR
	C237	QCVB1CM-103Y	C.CAPACITOR
	C238	QCC31EM-683ZV	C.CAPACITOR
	C239	QETC1AM-477ZN	E.CAPACITOR
	C240	QETC1HM-225ZM	E.CAPACITOR
	C241	QCC31EM-683ZV	C.CAPACITOR
	C242	QETC1HM-474ZM	E.CAPACITOR
	C243	QCC31EM-153ZV	C.CAPACITOR
	C244	QCC31EM-104ZV	C.CAPACITOR
	C245	QCC31EM-333ZV	C.CAPACITOR
	C246	QCXB1CM-392Y	C.CAPACITOR
	C247	QCBB1HK-821Y	C.CAPACITOR
	C248	QCVB1CM-103Y	C.CAPACITOR
	C250	QETC1HM-475ZM	E.CAPACITOR
	C251	QETC1HM-475ZM	E.CAPACITOR
	C252	QETC1HM-475ZM	E.CAPACITOR
	C253	QETC1HM-475ZM	E.CAPACITOR
	C254	QCS11HJ-151	C.CAPACITOR
	C301	QETC1HM-335ZM	E.CAPACITOR
	C302	QETC1HM-335ZM	E.CAPACITOR
	C303	QETC1AM-107ZM	E.CAPACITOR
	C304	QETC1AM-107ZM	E.CAPACITOR
	C305	QETC1AM-107ZM	E.CAPACITOR
	C306	QETC1HM-104ZN	E.CAPACITOR
	C308	QETC1HM-475ZM	E.CAPACITOR
	C310	QETC1AM-107ZM	E.CAPACITOR
	C311	QETC1AM-107ZM	E.CAPACITOR
	C312	QETC1CM-106ZM	E.CAPACITOR
	C313	QETC1AM-476ZM	E.CAPACITOR
	C314	QETC1AM-476ZM	E.CAPACITOR
	C315	QETC1AM-107ZM	E.CAPACITOR
	C316	QFV81HJ-273	TF.CAPACITOR
	C317	QFN31HJ-152Z	M.CAPACITOR
	C318	QFN31HJ-332Z	M.CAPACITOR
	C319	QCC31EM-153ZV	C.CAPACITOR
	C320	QCXB1CM-682Y	C.CAPACITOR
	C322	QETC1AM-476ZM	E.CAPACITOR
	C323	QETC1AM-107ZM	E.CAPACITOR
	C324	QETC1EM-227ZM	E.CAPACITOR
	C325	QETB1EM-478	E.CAPA.
	C326	QETC1HM-105ZM	E.CAPACITOR
	C327	QETC1AM-227ZM	E.CAPACITOR
	C328	QETC1HM-474ZM	E.CAPACITOR
	C329	QFV71HJ-393ZM	TF.CAPACITOR
	C330	QFV71HJ-823ZM	TF.CAPACITOR

⚠	REF. NO	PARTS NO.	PARTS NAME
	C331	QETC1HM-104ZN	E.CAPACITOR
	C332	QETC1HM-104ZN	E.CAPACITOR
	C333	QETB1EM-337N	E.CAPACITOR
	C334	QCVB1CM-103Y	C.CAPACITOR
	C335	QETC1AM-226ZM	E.CAPACITOR
	C336	QCC31EM-104ZV	C.CAPACITOR
	C337	QCVB1CM-103Y	C.CAPACITOR
	C338	QETC1AM-476ZM	E.CAPACITOR
	C339	QCC31EM-683ZV	C.CAPACITOR
	C340	QCBB1HK-471Y	C.CAPACITOR
	C341	QETB1EM-477N	E.CAPACITOR
	C342	QCC31EM-683ZV	C.CAPACITOR
	C343	QETC1AM-476ZM	E.CAPACITOR
	C344	QCVB1CM-103Y	C.CAPACITOR
	C345	QCC31EM-104ZV	C.CAPACITOR
	C346	QETC1AM-226ZM	E.CAPACITOR
	C347	QCVB1CM-103Y	C.CAPACITOR
	C348	QCC31EM-103ZV	C.CAPACITOR
	C349	QCXB1CM-682Y	C.CAPACITOR
	C350	QETC1AM-107ZM	E.CAPACITOR
	C354	QCC31EM-683ZV	C.CAPACITOR
	C355	QCC31EM-683ZV	C.CAPACITOR
	C356	QCC31EM-683ZV	C.CAPACITOR
	C357	QCC31EM-683ZV	C.CAPACITOR
	C358	QCBB1HK-471Y	C.CAPACITOR
	C360	QETC1AM-227ZM	E.CAPACITOR
	C364	QETC1HM-475ZM	E.CAPACITOR
	C365	QETC1AM-476ZM	E.CAPACITOR
	D101	HSS104TJ	SI DIODE
	D102	HSS104TJ	SI DIODE
	D301	HSS104TJ	SI DIODE
	D302	HSS104TJ	SI DIODE
	D303	HSS104TJ	SI DIODE
	D304	HSS104TJ	SI DIODE
	D305	HSS104TJ	SI DIODE
	D306	HSS104TJ	SI DIODE
	D307	HSS104TJ	SI DIODE
	D308	MA700-TA	ZENER DIODE
	D309	MA700-TA	ZENER DIODE
	D310	MA700-TA	ZENER DIODE
	D311	HSS104TJ	SI DIODE
	D312	MA700-TA	ZENER DIODE
	D313	MA700-TA	ZENER DIODE
	D314	MA700-TA	ZENER DIODE
⚠	D315	HZ7C1	Z DIODE
⚠	D321	S4VB10	SI DIODE
⚠	D322	30DL2-FC	S DIODE
	D323	HSS104TJ	SI DIODE
	D324	HZ6B1	S DIODE
	D326	HSS104TJ	SI DIODE
	D328	HSS104TJ	SI DIODE
	IC301	TA7739P	IC
	IC302	LA3220	IC
	IC303	BA1104LS	IC
⚠	IC304	LA4508	IC
⚠	IC305	LA4508	IC
	IC306	BA3823LS	IC
	J301	QMS3501-016B	JACK
	J302	QMS3507-001H	JACK
	J303	EMB90YV-401A	SPK.TERMINAL
⚠	J304	QMC0362-002	AC SOCKET
	J305	QMA1221-004	DC JACK
	LC301	VQZ0020-001	LOW PASS FILTER
	L101	VQP0001-183S	INDUCTOR
	L102	VQP0001-562S	INDUCTOR
	L201	VQP0001-183S	INDUCTOR
	L202	VQP0001-562S	INDUCTOR
	L301	VQH1009-026	OSC COIL
	Q101	2SC2785(E,F)-T	TRANSISTOR
	Q102	2SC2785(E,F)-T	TRANSISTOR

⚠	REF. NO	PARTS NO.	PARTS NAME
	Q103	2SC2785(E,F)-T	TRANSISTOR
	Q104	2SD1302(S,T)TA	TRANSISTOR
	Q105	2SC2785(E,F)-T	TRANSISTOR
	Q201	2SC2785(E,F)-T	TRANSISTOR
	Q202	2SC2785(E,F)-T	TRANSISTOR
	Q203	2SC2785(E,F)-T	TRANSISTOR
	Q204	2SD1302(S,T)TA	TRANSISTOR
	Q205	2SC2785(E,F)-T	TRANSISTOR
	Q301	2SC2785(E,F)-T	TRANSISTOR
	Q302	2SC2785(E,F)-T	TRANSISTOR
	Q303	2SC2785(E,F)-T	TRANSISTOR
	Q304	2SC2785(E,F)-T	TRANSISTOR
	Q305	2SC2785(E,F)-T	TRANSISTOR
	Q306	2SK301(P,Q)TA	TRANSISTOR
	Q307	2SB772(Q,P)	TRANSISTOR
	Q308	2SC2001(L,K)-T	TRANSISTOR
	Q309	2SC2785(E,F)-T	TRANSISTOR
⚠	Q310	2SB941(P)	TRANSISTOR
	Q311	2SC2785(E,F)-T	TRANSISTOR
	Q314	2SC2785(E,F)-T	TRANSISTOR
	R101	QRD161J-334YT	C RESISTOR
	R102	QRD161J-682YT	C RESISTOR
	R103	QRD161J-562YT	C RESISTOR
	R104	QRD161J-682YT	C RESISTOR
	R105	QRD144J-183S	C RESISTOR
	R106	QRD161J-473YT	C RESISTOR
	R107	QRD161J-473YT	C RESISTOR
	R108	QRD161J-332YT	C RESISTOR
	R109	QRD161J-473YT	C RESISTOR
	R110	QRD161J-123YT	C RESISTOR
	R111	QRD161J-154YT	C RESISTOR
	R112	QRD161J-823YT	C RESISTOR
	R113	QRD161J-102YT	C RESISTOR
	R114	QRD161J-121YT	C RESISTOR
	R115	QRD161J-221YT	C RESISTOR
	R116	QRD161J-473YT	C RESISTOR
	R117	QRD161J-223YT	C RESISTOR
	R118	QRD161J-681YT	C RESISTOR
	R119	QRD161J-682YT	C RESISTOR
	R120	QRD161J-434YT	C RESISTOR
	R121	QRD161J-824YT	C RESISTOR
	R122	QRD161J-332YT	C RESISTOR
	R123	QRD161J-473YT	C RESISTOR
	R124	QRD161J-223YT	C RESISTOR
	R125	QRD161J-393YT	C RESISTOR
	R126	QRD161J-123YT	C RESISTOR
	R127	QRD161J-562YT	C RESISTOR
	R128	QRD161J-123YT	C RESISTOR
	R129	QRD161J-103YT	C RESISTOR
	R131	QRD161J-103YT	C RESISTOR
	R132	QRD161J-393YT	C RESISTOR
	R135	QRD161J-473YT	C RESISTOR
	R137	QRD161J-2R2YT	C RESISTOR
	R138	QRD161J-2R2YT	C RESISTOR
	R139	QRD161J-102YT	C RESISTOR
	R140	QRD161J-820YT	C RESISTOR
	R141	QRD161J-820YT	C RESISTOR
	R142	QRD161J-681YT	C RESISTOR
	R143	QRD161J-104YT	C RESISTOR
	R146	QRD161J-104YT	C RESISTOR
	R149	QRD161J-221YT	C RESISTOR
	R201	QRD161J-334YT	C RESISTOR
	R202	QRD161J-682YT	C RESISTOR
	R203	QRD161J-562YT	C RESISTOR
	R204	QRD161J-682YT	C RESISTOR
	R205	QRD144J-183S	C RESISTOR
	R206	QRD161J-473YT	C RESISTOR
	R207	QRD161J-473YT	C RESISTOR
	R208	QRD161J-332YT	C RESISTOR
	R209	QRD161J-473YT	C RESISTOR

⚠	REF. NO	PARTS NO.	PARTS NAME
	R210	QRD161J-123YT	C RESISTOR
	R211	QRD161J-154YT	C RESISTOR
	R212	QRD161J-823YT	C RESISTOR
	R213	QRD161J-102YT	C RESISTOR
	R214	QRD161J-121YT	C RESISTOR
	R215	QRD161J-221YT	C RESISTOR
	R216	QRD161J-473YT	C RESISTOR
	R217	QRD161J-223YT	C RESISTOR
	R218	QRD161J-681YT	C RESISTOR
	R219	QRD161J-682YT	C RESISTOR
	R220	QRD161J-434YT	C RESISTOR
	R221	QRD161J-824YT	C RESISTOR
	R222	QRD161J-332YT	C RESISTOR
	R223	QRD161J-473YT	C RESISTOR
	R224	QRD161J-223YT	C RESISTOR
	R225	QRD161J-393YT	C RESISTOR
	R226	QRD161J-123YT	C RESISTOR
	R227	QRD161J-562YT	C RESISTOR
	R228	QRD161J-123YT	C RESISTOR
	R229	QRD161J-103YT	C RESISTOR
	R231	QRD161J-103YT	C RESISTOR
	R232	QRD161J-393YT	C RESISTOR
	R235	QRD161J-473YT	C RESISTOR
	R237	QRD161J-2R2YT	C RESISTOR
	R238	QRD161J-2R2YT	C RESISTOR
	R239	QRD161J-102YT	C RESISTOR
	R240	QRD161J-820YT	C RESISTOR
	R241	QRD161J-820YT	C RESISTOR
	R242	QRD161J-681YT	C RESISTOR
	R243	QRD161J-104YT	C RESISTOR
	R246	QRD161J-104YT	C RESISTOR
	R249	QRD161J-221YT	C RESISTOR
	R301	QRD161J-334YT	C RESISTOR
	R302	QRD161J-120YT	C RESISTOR
	R303	QRD161J-332YT	C RESISTOR
	R305	QRD161J-561YT	C RESISTOR
	R306	QRD161J-102YT	C RESISTOR
	R307	QRD161J-103YT	C RESISTOR
	R308	QRD161J-101YT	C RESISTOR
	R309	QRD161J-102YT	C RESISTOR
	R311	QRD161J-221YT	C RESISTOR
	R313	QRD161J-123YT	C RESISTOR
	R314	QRD161J-154YT	C RESISTOR
	R315	QRD161J-154YT	C RESISTOR
	R316	QRD161J-472YT	C RESISTOR
	R317	QRD161J-472YT	C RESISTOR
	R318	QRD161J-222YT	C RESISTOR
	R319	QRD161J-223YT	C RESISTOR
	R320	QRD161J-223YT	C RESISTOR
	R321	QRD161J-103YT	C RESISTOR
	R322	QRD161J-222YT	C RESISTOR
	R323	QRD161J-472YT	C RESISTOR
	R324	QRD161J-222YT	C RESISTOR
	R325	QRD161J-223YT	C RESISTOR
	R326	QRD161J-223YT	C RESISTOR
	R327	QRD161J-102YT	C RESISTOR
	R328	QRD141J-470S	CARBON RESISTOR
	R329	QRD161J-103YT	C RESISTOR
	R330	QRD144J-271S	C RESISTOR
	R331	QRD161J-681YT	C RESISTOR
	R333	QRD161J-103YT	C RESISTOR
	R335	QRD144J-105S	C.RESISTOR
	R336	QRD167J-392	CARBON RESISTOR
	R337	QRD161J-222YT	C RESISTOR
	R338	QRD161J-221YT	C RESISTOR
	R339	QRD161J-563YT	C RESISTOR
	R341	QRD161J-104YT	C RESISTOR
	R342	QRD161J-104YT	C RESISTOR
	R343	QRD161J-393YT	C RESISTOR
	R344	QRD161J-393YT	C RESISTOR

⚠	REF. NO	PARTS NO.	PARTS NAME
	R345	QRD161J-102YT	C RESISTOR
	R346	QRD161J-102YT	C RESISTOR
	R347	QRD161J-223YT	C RESISTOR
	R348	QRD161J-223YT	C RESISTOR
	R349	QRD161J-563YT	C RESISTOR
	R350	QRD161J-2R2YT	C RESISTOR
	R351	QRD161J-2R2YT	C RESISTOR
	R352	QRD161J-2R2YT	C RESISTOR
	R353	QRD161J-2R2YT	C RESISTOR
	R354	QRD161J-563YT	C RESISTOR
	R355	QRD161J-222YT	C RESISTOR
	R356	QRD161J-561YT	C RESISTOR
	R357	QRD161J-120YT	C RESISTOR
	R358	QRD161J-222YT	C RESISTOR
	R359	QRD144J-331S	CARBON RESISTOR
	R364	QRD161J-562YT	C RESISTOR
	R365	QRD161J-2R2YT	C RESISTOR
	R366	QRD161J-101YT	C RESISTOR
	R368	QRD161J-475YT	C RESISTOR
	R369	QRD161J-475YT	C RESISTOR
	R370	QRD161J-103YT	C RESISTOR
	R371	QRD161J-103YT	C RESISTOR
	R372	QRD161J-103YT	C RESISTOR
	R373	QRD161J-103YT	C RESISTOR
	R374	QRD161J-681YT	C RESISTOR
	R376	QRD161J-102YT	C RESISTOR
	R377	QRD161J-101YT	C RESISTOR
	R378	QRD161J-562YT	C RESISTOR
	R379	QRD161J-473YT	C RESISTOR
	R380	QRD161J-104YT	C RESISTOR
	S301	QSTM101-V05	PUSH SW
	S302	QSTM101-V05	PUSH SW
	S303	QSTM101-V05	PUSH SW
	S304	QSS1F43-V03	SLIDE SW
	S305	QSS1G62-V01	SLIDE SWITCH
	S306	QSS1301-101	SLIDE SWITCH
	S307	QST8101-V01	PUSH SW
	S308	QSTM101-V05	PUSH SW
	VR101	QVPA603-103	V RESISTOR
	VR102	QVPA603-103	V RESISTOR
	VR103	QVPA603-103	V RESISTOR
	VR104	QVPA601-104	V.RESISTOR
	VR105	QVDB17A-V01	V RESISTOR
	VR106	QVXB1FG-V15	V.RESISTOR
	VR107	QVXB1FG-V15	V.RESISTOR
	VR108	QVXB1FG-V15	V.RESISTOR
	VR109	QVXB1FG-V15	V.RESISTOR
	VR110	QVXB1FG-V15	V.RESISTOR
	VR201	QVPA603-103	V RESISTOR
	VR202	QVPA603-103	V RESISTOR
	VR203	QVPA603-103	V RESISTOR
	VR204	QVPA601-104	V.RESISTOR
	VR205	QVDB17A-V01	V RESISTOR
	VR206	QVXB1FG-V15	V.RESISTOR
	VR207	QVXB1FG-V15	V.RESISTOR
	VR208	QVXB1FG-V15	V.RESISTOR
	VR209	QVXB1FG-V15	V.RESISTOR
	VR210	QVXB1FG-V15	V.RESISTOR
	VR301	QVPA603-202	V RESISTOR

■ **CD Control Board**

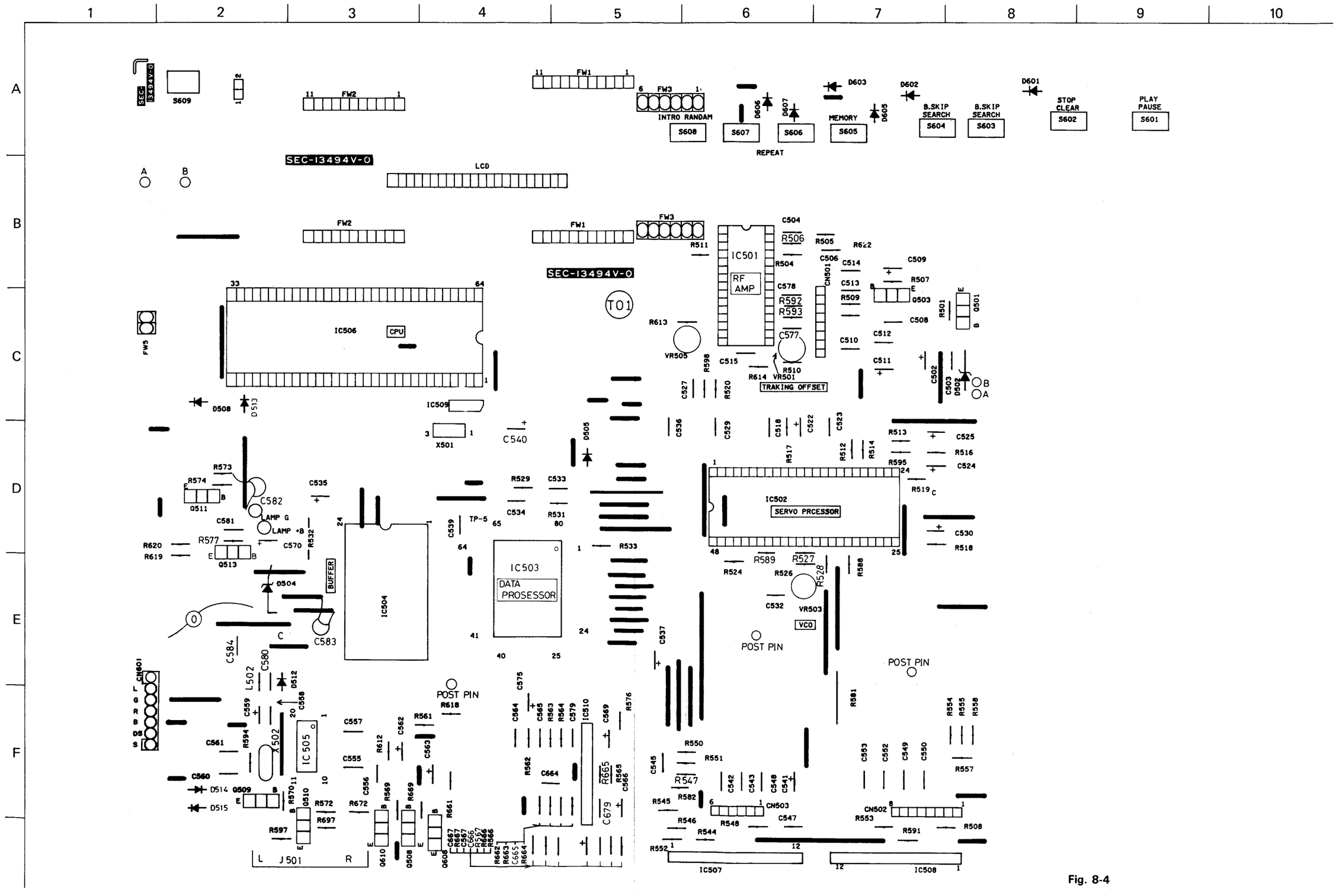


Fig. 8-4

PC-X300 B/E/G

■ CD Control Board

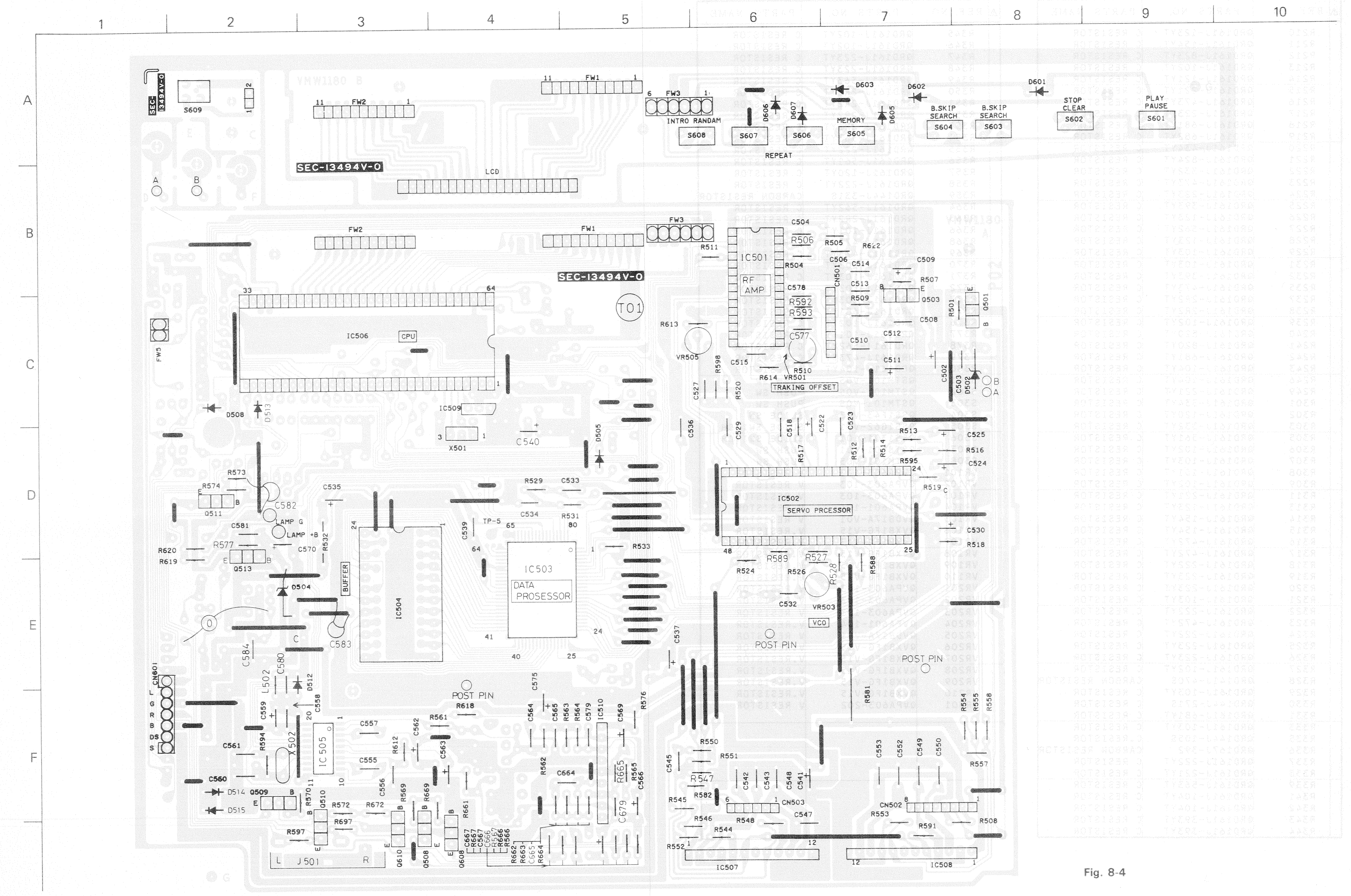


Fig. 8-4

CD Control Board Parts List

⚠ parts are safety assurance parts.
When replacing those parts, make sure to use the specified one.

⚠	REF. NO	PARTS NO.	PARTS NAME
	CN601	E04365-007S	CONNECTOR
	C502	QETC1AM-476ZN	E.CAPACITOR
	C503	QCC31EM-223ZV	C.CAPACITOR
	C504	QCXB1CM-472Y	C.CAPACITOR
	C506	QCS31HJ-270Z	C.CAPACITOR
	C508	QCC31EM-103ZV	C.CAPACITOR
	C509	QETB1AM-107N	E.CAPACITOR
	C510	QCC31EM-223ZV	C.CAPACITOR
	C511	QETC1AM-476ZN	E.CAPACITOR
	C512	QCC31EM-223ZV	C.CAPACITOR
	C513	QCC31EM-103ZV	C.CAPACITOR
	C514	QCC31EM-333ZV	C.CAPACITOR
	C515	QCC31EM-333ZV	C.CAPACITOR
	C518	QFV71HJ-333ZM	TF.CAPACITOR
	C522	QETC1HM-475ZN	E.CAPACITOR
	C523	QFV71HJ-154ZM	TF.CAPACITOR
	C524	QETC1AM-476ZN	E.CAPACITOR
	C525	QETC1HM-475ZN	E.CAPACITOR
	C527	QCY31HK-472Z	C.CAPACITOR
	C529	QCY31HK-222Z	C.CAPACITOR
	C530	QETC1AM-476ZN	E.CAPACITOR
	C532	QCY31HK-102Z	C.CAPACITOR
	C533	QCVB1CN-103Y	C.CAPACITOR
	C534	QCVB1CN-103Y	C.CAPACITOR
	C535	QETC1AM-476ZN	E.CAPACITOR
	C536	QFV71HJ-103ZM	TF.CAPACITOR
	C537	QETC1HM-475ZN	E.CAPACITOR
	C539	QCC31EM-473ZV	C.CAPACITOR
	C540	QETC1AM-476ZN	E.CAPACITOR
	C541	QETC1AM-477ZN	E.CAPACITOR
	C542	QCC31EM-104ZV	C.CAPACITOR
	C543	QCC31EM-104ZV	C.CAPACITOR
	C545	QFV71HJ-224ZM	TF.CAPACITOR
	C547	QCC31EM-104ZV	C.CAPACITOR
	C548	QCC31EM-104ZV	C.CAPACITOR
	C549	QCC31EM-104ZV	C.CAPACITOR
	C550	QCC31EM-104ZV	C.CAPACITOR
	C552	QCC31EM-104ZV	C.CAPACITOR
	C553	QCC31EM-104ZV	C.CAPACITOR
	C555	QFN31HJ-472Z	M.CAPACITOR
	C556	QCVB1CN-103Y	C.CAPACITOR
	C557	QFN31HJ-472Z	M.CAPACITOR
	C558	QCVB1CN-103Y	C.CAPACITOR
	C559	QETC1AM-107ZN	E.CAPACITOR
	C560	QCSB1HJ-470Y	C.CAPACITOR
	C561	QCSB1HJ-300Y	C CAPACITOR
	C562	QETC1AM-476ZN	E.CAPACITOR
	C563	QETC1AM-337ZN	E.CAPACITOR
	C564	QCY31HK-562Z	C.CAPACITOR
	C565	QCXB1CM-392Y	C.CAPACITOR
	C566	QETC1HM-105ZN	E.CAPACITOR
	C567	QCC31EM-123ZV	C.CAPACITOR
	C569	QETC1AM-476ZN	E.CAPACITOR
	C570	QETC1AM-227ZN	E.CAPACITOR
	C575	QETC1AM-226ZN	E.CAPACITOR
	C577	QCBB1HK-101Y	C.CAPACITOR
	C578	QCBB1HK-821Y	C.CAPACITOR
	C579	QCSB1HJ-560Y	C.CAPACITOR
	C580	QCBB1HK-221Y	C.CAPACITOR
	C581	QCC31EM-223ZV	C.CAPACITOR
	C582	QCC11EM-104V	C CAPACITOR
	C583	QCS11HJ-220	C.CAPACITOR
	C584	QCY31HK-272Z	C.CAPACITOR
	C664	QCY31HK-562Z	C.CAPACITOR
	C665	QCXB1CM-392Y	C.CAPACITOR
	C666	QETC1HM-105ZN	E.CAPACITOR
	C667	QCC31EM-123ZV	C.CAPACITOR
	C679	QCSB1HJ-560Y	C.CAPACITOR
	D502	HZ6B2	ZENER DIODE
	D504	HZ6B2	ZENER DIODE

⚠	REF. NO	PARTS NO.	PARTS NAME
	D505	1SS254T-77	SI DIODE
	D508	1SS254T-77	SI DIODE
	D512	1SS254T-77	SI DIODE
	D513	1SS254T-77	SI DIODE
	D514	1SS254T-77	SI DIODE
	D515	1SS254T-77	SI DIODE
	D601	HSS104TJ	SI DIODE
	D602	HSS104TJ	SI DIODE
	D603	HSS104TJ	SI DIODE
	D605	HSS104TJ	SI DIODE
	D606	HSS104TJ	SI DIODE
	D607	HSS104TJ	SI DIODE
	IC501	VC4089(S)	IC
	IC502	VC4090(S)	IC
	IC503	CX23035	IC
	IC504	CXK5816PN-15L	I.C
	IC505	VC4091F	IC
	IC506	MN157451AJRQ	IC
	IC507	BA6290	IC
	IC508	BA6290	IC
	IC509	MN1280(S)	IC
	IC510	AN6555	I.C
	J501	VMJ3009-001	JACK ASSY
	LCD2	VGL1046-001	LCD
	L502	VQP0018-151	INDUCTOR
	L503	VQP0018-470	INDUCTOR
	PL501	VGZ0001-028	P.LAMP
	Q501	2SC2001(L,K)-T	TRANSISTOR
	Q503	2SA952(L,K)-T	TRANSISTOR
	Q508	2SC2785(HFE)-T	TRANSISTOR
	Q509	2SA1175(HFE)-T	TRANSISTOR
	Q510	2SC2785(HFE)-T	TRANSISTOR
	Q511	2SA1175(HFE)-T	TRANSISTOR
	Q513	2SC2001(L,K)-T	TRANSISTOR
	Q608	2SC2785(HFE)-T	TRANSISTOR
	Q610	2SC2785(HFE)-T	TRANSISTOR
	R501	QRD161J-561YT	C RESISTOR
	R504	QRD161J-123YT	C RESISTOR
	R505	QRD161J-562YT	C RESISTOR
	R506	QRD161J-472YT	C RESISTOR
	R507	QRD161J-100YT	C RESISTOR
	R508	QRD161J-820YT	C RESISTOR
	R509	QRD161J-102YT	C RESISTOR
	R510	QRD161J-822YT	C RESISTOR
	R511	QRD161J-102YT	C RESISTOR
	R512	QRD161J-104YT	C RESISTOR
	R513	QRD161J-152YT	C RESISTOR
	R514	QRD161J-562YT	C RESISTOR
	R516	QRD161J-473YT	C RESISTOR
	R517	QRD161J-104YT	C RESISTOR
	R518	QRD161J-104YT	C RESISTOR
	R519	QRD161J-514YT	C RESISTOR
	R520	QRD161J-123YT	C RESISTOR
	R524	QRD161J-104YT	C RESISTOR
	R526	QRD161J-332YT	C RESISTOR
	R527	QRD161J-224YT	C RESISTOR
	R528	QRD161J-103YT	C RESISTOR
	R529	QRD161J-104YT	C RESISTOR
	R531	QRD161J-103YT	C RESISTOR
	R532	QRZ0052-100	C RESISTOR
	R533	QRD161J-104YT	C RESISTOR
	R544	QRD161J-223YT	C RESISTOR
	R545	QRD161J-333YT	C RESISTOR
	R546	QRD161J-823YT	C RESISTOR
	R547	QRD161J-823YT	C RESISTOR
	R548	QRD161J-153YT	C RESISTOR
	R550	QRD161J-681YT	C RESISTOR
	R551	QRD161J-333YT	C RESISTOR
	R552	QRD161J-823YT	C RESISTOR
	R553	QRD161J-333YT	C RESISTOR

⚠	REF. NO	PARTS NO.	PARTS NAME
	R554	QRD161J-823YT	C RESISTOR
	R555	QRD161J-333YT	C RESISTOR
	R557	QRD161J-823YT	C RESISTOR
	R558	QRD161J-333YT	C RESISTOR
	R561	QRD161J-152YT	C RESISTOR
	R562	QRD161J-152YT	C RESISTOR
	R563	QRD161J-103YT	C RESISTOR
	R564	QRD161J-333YT	C RESISTOR
	R565	QRD161J-124YT	C RESISTOR
	R566	QRD161J-332YT	C RESISTOR
	R567	QRD161J-122YT	C RESISTOR
	R569	QRD161J-103YT	C RESISTOR
	R570	QRD161J-103YT	C RESISTOR
	R572	QRD161J-222YT	C RESISTOR
	R573	QRD161J-103YT	C RESISTOR
	R574	QRD161J-104YT	C RESISTOR
	R576	QRD161J-101YT	C RESISTOR
	R577	QRD161J-331YT	C RESISTOR
	R581	QRH124J-6R8	FUSI RESISTOR
	R582	QRD161J-333YT	C RESISTOR
	R588	QRD161J-104YT	C RESISTOR
	R589	QRD161J-104YT	C RESISTOR
	R591	QRD161J-153YT	C RESISTOR
	R592	QRD161J-183YT	C RESISTOR
	R593	QRD161J-183YT	C RESISTOR
	R594	QRD161J-105YT	C RESISTOR
	R595	QRD161J-104YT	C RESISTOR
	R597	QRD161J-102YT	C RESISTOR
	R598	QRD161J-472YT	C RESISTOR
	R612	QRD161J-183YT	C RESISTOR
	R613	QRD161J-103YT	C RESISTOR
	R614	QRD161J-682YT	C RESISTOR
	R618	QRD161J-101YT	C RESISTOR
	R619	QRD161J-331YT	C RESISTOR
	R620	QRD161J-561YT	C RESISTOR
	R622	QRD161J-103YT	C RESISTOR
	R661	QRD161J-152YT	C RESISTOR
	R662	QRD161J-152YT	C RESISTOR
	R663	QRD161J-103YT	C RESISTOR
	R664	QRD161J-333YT	C RESISTOR
	R665	QRD161J-124YT	C RESISTOR
	R666	QRD161J-332YT	C RESISTOR
	R667	QRD161J-122YT	C RESISTOR
	R669	QRD161J-103YT	C RESISTOR
	R672	QRD161J-222YT	C RESISTOR
	R697	QRD161J-102YT	C RESISTOR
	S601	QSP0301-003M	TACT SWITCH
	S602	QSP0301-003M	TACT SWITCH
	S603	QSP0301-003M	TACT SWITCH
	S604	QSP0301-003M	TACT SWITCH
	S605	QSP0301-003M	TACT SWITCH
	S606	QSP0301-003M	TACT SWITCH
	S607	QSP0301-003M	TACT SWITCH
	S608	QSP0301-003M	TACT SWITCH
	VR501	QVPA603-203A	SEMI.V.RESISTOR
	VR503	QVPA603-222A	SEMI.V.RESISTOR
	VR505	QVPA603-203A	SEMI.V.RESISTOR
	X501	EFO-FC4194A4	CERAMIC RESONAT
	X502	CSA8.46MT	CERAMIC RESONAT

9 Exploded View of Enclosure Assembly

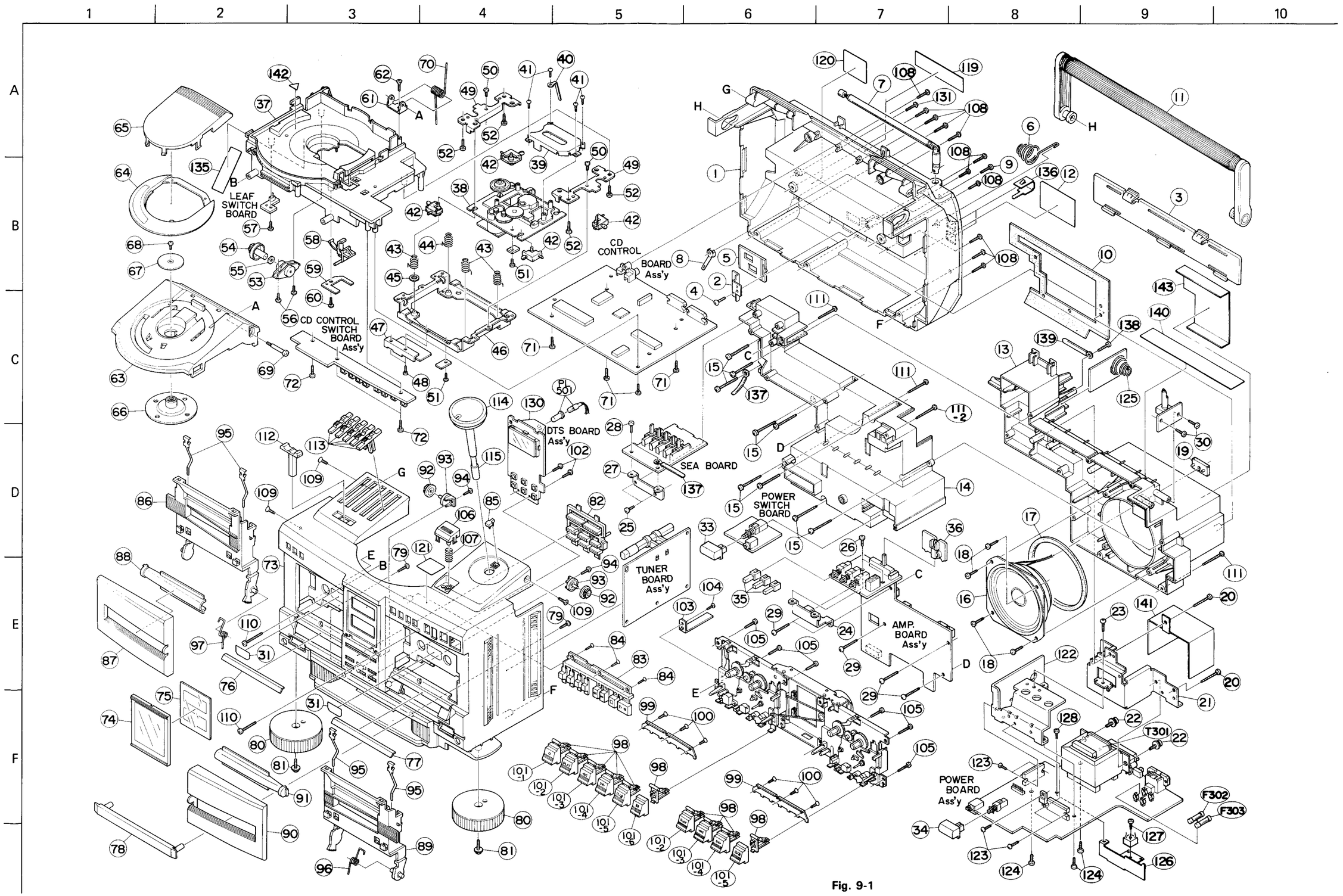


Fig. 9-1

■ Enclosure Assembly Parts List

⚠ Parts are safety assurance parts. When replacing those parts, make sure to use the specified one.

⚠	REF.	PARTS NO.	PARTS NAME	REMARKS	QTY
	1	VJC1735-002	REAR CABINET		1
	2	VYH6820-001	AC BRACKET		1
	3	VJC2016-008	BATTERY COVER		1
	4	SDSF3010Z	SCREW	R.CABI+BRACKET	1
	5	VYH6552-003	AC SLIDER		1
	6	VYH5657-001	BATTERY SPRING		1
	7	VJA3006-00E	T.ANTENNA		1
	8	VYH5012-002	LUG TERMINAL		1
	9	SDSP3010N	SCREW		1
	10	VYH6785-001	SHEET	FOR 3D	1
	11	VJH4092-00K	HANDLE ASS'Y		1
	12	VYN7043-002	NAME PLATE		1
	13	VYH1178-002	3D BASE		1
	14	VYH1179-001	3D COVER		1
	15	SDSF3016Z	TAP.SCREW	BASE+COVER	9
	16	EAS10PL429E	SPEAKER		1
	17	VYH6802-001	SHEET	3D SP.+3S BASE	1
	18	SDSF3012Z	SCREW	3D BASE+SPEAKER	4
	19	VYH6786-001	CAP	FOR SP.WIRE	1
	20	SBSF4020Z	SCREW	3D+TRANS	2
	21	VYH3491-001	TRANS BRACKET		1
	22	SDSP4006Z	SCREW	TRANS+TRANS BRACKET	2
	23	SDSF3012Z	SCREW	TR.BRACKET+3D	1
	24	VYH6787-001	BRACKET	EOR SEA PWB	1
	25	SDSF3012Z	SCREW	3D+BRACKET	2
	26	SDST3006Z	SCREW	FUNC PWB+BRACKET	2
	27	VYH6788-001	BRACKET	FORFUNCTION PWB	1
	28	SDST3006Z	SCREW	SEA PWB+BRACKET	2
	29	SDSF3012Z	SCREW	3D+AMP PWB	5
	30	SDSF3012Z	SCREW	3D+VOL PWB	2
	31	V44957-002	PLATE		2
	33	VXP4647-001	PUSH BUTTON		1
	34	VXP4647-002	PUSH BUTTON		1
	35	VXP4096-003	PUSH KNOB		3
	36	VYH6851-001	KNOB HOLDER		1
	37	VJD1133-001	CD CASE		1
	38	KSM-150B-AJ	CD MECHA		1
	39	VJD5091-001	PICK COVER		1
	40	VKZ4001-008	WIRE HOLDER		1
	41	SDSF2006M	SCREW	MECHA+PICK COVER	4
	42	VYH6596-001	CD CUSHION		4
	43	VKW4693-001	CONICAL SPRING		3
	44	VKW4693-002	CONICAL SPRING		1
	45	Q03093-509	WASHER		1
	46	VYH6731-001	SUB CHASSIS		1
	47	VYH6852-001	BRACKET		1
	48	SDST2606Z	SCREW		2
	49	VYH6732-002	HOLDER		2
	50	SDST2606Z	SCREW		2
	51	SDST2606Z	SCREW	FOREARTH	2
	52	SDSF3010Z	SCREW	CD MECHA+CASE	4
	53	VYH4845-001	DAMPER HOLDER		1
	54	VYH4769-002	GEAR		1
	55	VYSS201-008	SPACER		1
	56	SDSF3010Z	SCREW	GEAR+CASE	2
	57	SDSF3008Z	SCREW	FOR LEAF SWITCH	1
	58	VYH6789-001	LOCK ARM		1
	59	VYH6790-001	PLATE		1
	60	SDSF3010Z	SCREW	PLATE+CASE	1
	61	VYH6362-002	BRACKET		1
	62	SSSF3012Z	TAP.SCREW	BRACKET+CASE	1
	63	VJT1021-001	CD DOOR		1
	64	VJT3257-001	CD LENS		1
	65	VJT3259-002	CD ORNAMENT		1
	66	VYH6603-00A	CLAMPER ASS'Y		1
	67	VYH6517-001	CLAMPER PLATE		1
	68	SDSF2006M	SCREW	CLAMPER+PLATE	1
	69	VKZ4380-001	SPECIAL SCREW	FOR CD DOOR	1
	70	VKW4778-002	CD DOOR SPRING		1
	71	SDSF3010Z	SCREW	CD CASE+PWB	4
	72	SDSF3010Z	SCREW	CD CASE+CONT PWB	3
	73	VJC1736-002	FRONT CABINET		1
	74	VJD3757-001	LCD LENS (A)		1
	75	VJD5157-002	LCD LENS(B)		1
	76	VJD5158-001	MECHA PLATE		1
	77	VJD5158-002	MECHA PLATE		1
	78	VJD5159-001	3D ORNAMENT	HS1	1
	79	SSSF3012Z	TAP.SCREW	CABI+ORNAMENT	2
	80	VJF4019-001	FOOT	HS1	2
	81	GBSF3012Z	SCREW	CABI+FOOT	2
	82	VXP3260-001	PUSH KNOB		1
	83	VXP3261-001	CD KNOB		1
	84	SSSF2608Z	SCREW	CD KNOB+CABI	3
	85	VYH6792-001	STOPPER		1
	86	VJT2187-001	CASSETTE HOLDER		1
	87	VJT2189-001	CASSETTE COVER		1
	88	VJT4158-002	CASSETTE LENS	HS1	1
	89	VJT2187-002	CASSETTE HOLDER		1
	90	VJT2189-002	CASSETTE COVER		1
	91	VJT4158-002	CASSETTE LENS	HS1	1
	92	VYH5601-001	GEAR		2
	93	VYH5602-001	DAMPER HOLDER		2
	94	SDSF3012Z	SCREW	GEAR+CABI	2
	95	VKY4180-001	CASSETTE SPRING		4
	96	VYH6557-001	DOOR SPRING		1
	97	VYH6794-002	DOOR SPRING		1
	98	VKS4843-001	BUTTON LEVER		10
	99	VKL5960-002	BUTTON BRACKET		2
	100	SSSF2608Z	SCREW	BRACKET+CABI	6
	101-1	VXP3201-001	BUTTON(REC)		1
	101-2	VXP3201-002	BUTTON(PLAY)		2
	101-3	VXP3201-003	BUTTON(REW)		2
	101-4	VXP3201-004	BUTTON(FF)		2
	101-5	VXP3201-005	BUT(STOP/EJECT)		2
	101-6	VXP3201-006	BUTTON(PAUSE)		1
	102	SDSF3012Z	SCREW		2
	103	VYH6799-001	REC.SPRING		1
	104	SDST2004Z	SCREW	MECHA+SPRING	1
	105	SDSF3012Z	SCREW	CABI+MECHA	6
	106	VXP3262-001	CD EJECT KNOB		1
	107	VKW3001-202	COMP SPRING		1
	108	SDSF3016N	SCREW	FRONT+REAR	11
	109	SSSF3012N	SCREW	FRONT+REAR	3
	110	SDSF3016M	SCREW	FRONT+CD	2
	111	SDSF3016Z	TAP.SCREW	FRONT+3D	3
	111-2	SBSF3025Z	SCREW		1
	112	VXS4302-001	SLIDE KNOB		1
	113	VXS4303-001	SEA KNOB		5
	114	VXL4319-002	VOLUME KNOB		1
	115	VYH6795-001	JOINT SHAFT		1
	119	VND4221-001	CLASS 1 LABLE		1
	120	VND4887-001	CAUTION LABEL		1
	121	VND4317-002	CAUTION SEAL		1
⚠	122	VYH3492-001	RADIATION		1
	123	SBSB2610Z	SCREW	RADI+IC & TR	5
	124	SDSF3008Z	SCREW	FOR RADIATION	3
	125	VYH5483-001	BATTERY SPRING		1
	126	VYH6865-001	RADIATION		1
	127	SDSF3012Z	SCREW		1
	128	SDSF3008Z	SCREW	RADI - CB	1
	130	VYH6797-001	CASE(B)	SPTE T0.3 FOR DTS CB	1
	131	SDST4016N	SCREW		1
	135	VND4220-001	LASER CAUTION		1
	136	V44814-00B	TERMINAL ASS'Y		2
	137	VKZ4001-011	WIRE HOLDER	FOR TUNER WIRE	2
	138	SDSF3016Z	TAP.SCREW	FOR WIRE HOLDER	1
	139	VKZ4001-010	WIRE CLAMP	FOREATH WIRE	1
	140	VYH6892-001	SHIELD PLATE		1
	141	VYH6891-001	SHIELD		1
	142	E71541-001	E.I.LASER MARK		1
	143	VYH6890-001	FRAME		1
⚠	F302	QMF51A2-2R0	FUSE		1
⚠	F303	QMF51A2-2R5	FUSE		1
	PL501	VGZ0001-028	P.LAMP		1
⚠	T301	VTP60P2-12A	POWER TRANS		1
	73~77	ZCPRX300□-FBK	FRONT CABINET ASS'Y	□ (Input the area suffix B/E/G)	1
	86,95	ZCPRX300K-CH-A	CASSETTE HOLDER ASS'Y A		1
	89,95	ZCPRX300K-CH-B	CASSETTE HOLDER ASS'Y B		1
	87,88	ZCPRX300K-CLBKA	CASSETTE LID ASS'Y		1
	90,91	ZCPRX300K-CLBKB	CASSETTE LID ASS'Y		1

■ Speaker Box

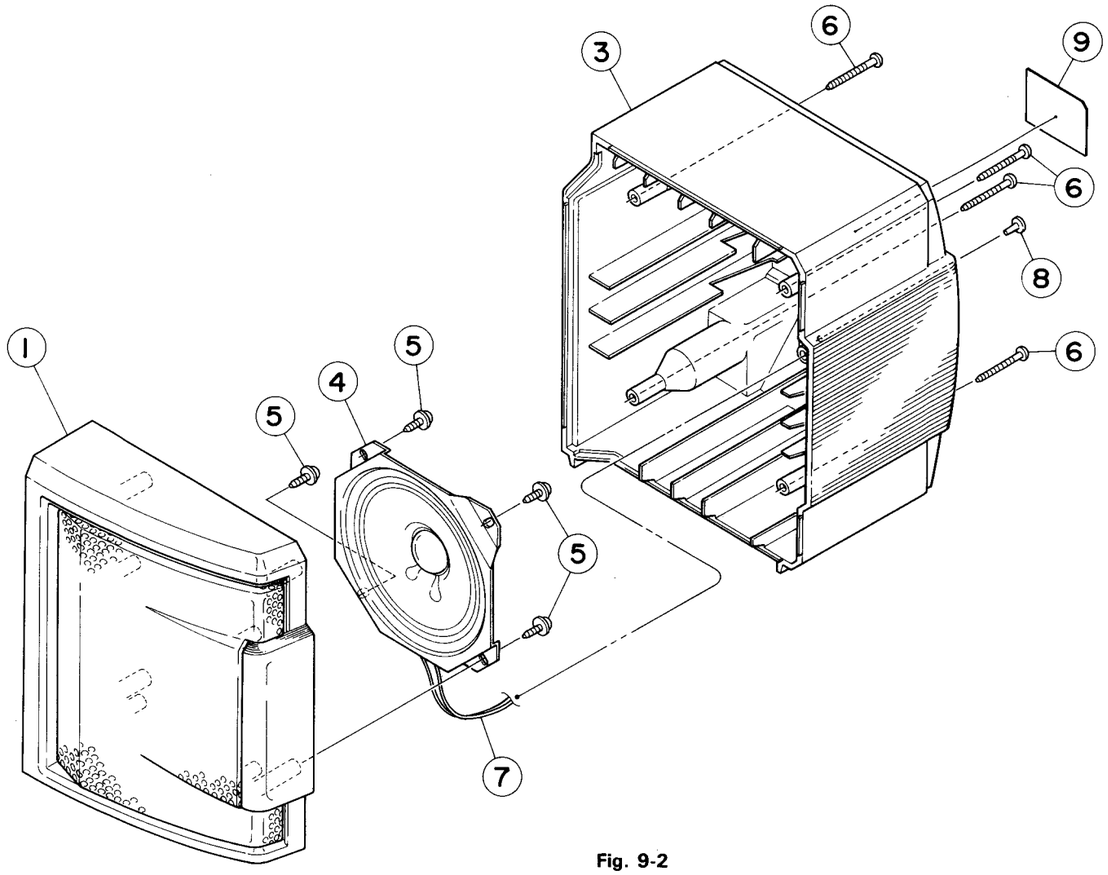


Fig. 9-2

■ Speaker Box Parts List

⚠ parts are safety assurance parts.
When replacing those parts, make sure to use the specified one.

⚠	REF.	PARTS NO.	PARTS NAME	REMARKS	QTY
	1-L	VJC2347-00A	FRONT PANEL (L)	LEFT SIDE	1
	1-R	VJC2348-00A	FRONT PANEL (R)	RIGHT SIDE	1
	3-L	VJC1750-001	REAR CABINET	LEFT SIDE	1
	3-R	VJC1752-001	REAR CABINET	RIGHT SIDE	1
	4	EAS10P463A	SPEAKER		1
	5	GBSF3010Z	TAPPING SCREW	FRONT + SPEAKER	4
	6	SBSF3035Z	SCREW	FRONT + REAR	4
	7	VMP0040-001T	SPEAKER CODE		1
	8	TEP357469-02	STOPPER		1
	9	VYN7043-001B	NAME PLATE		1

10 Exploded View of Mechanism Assembly

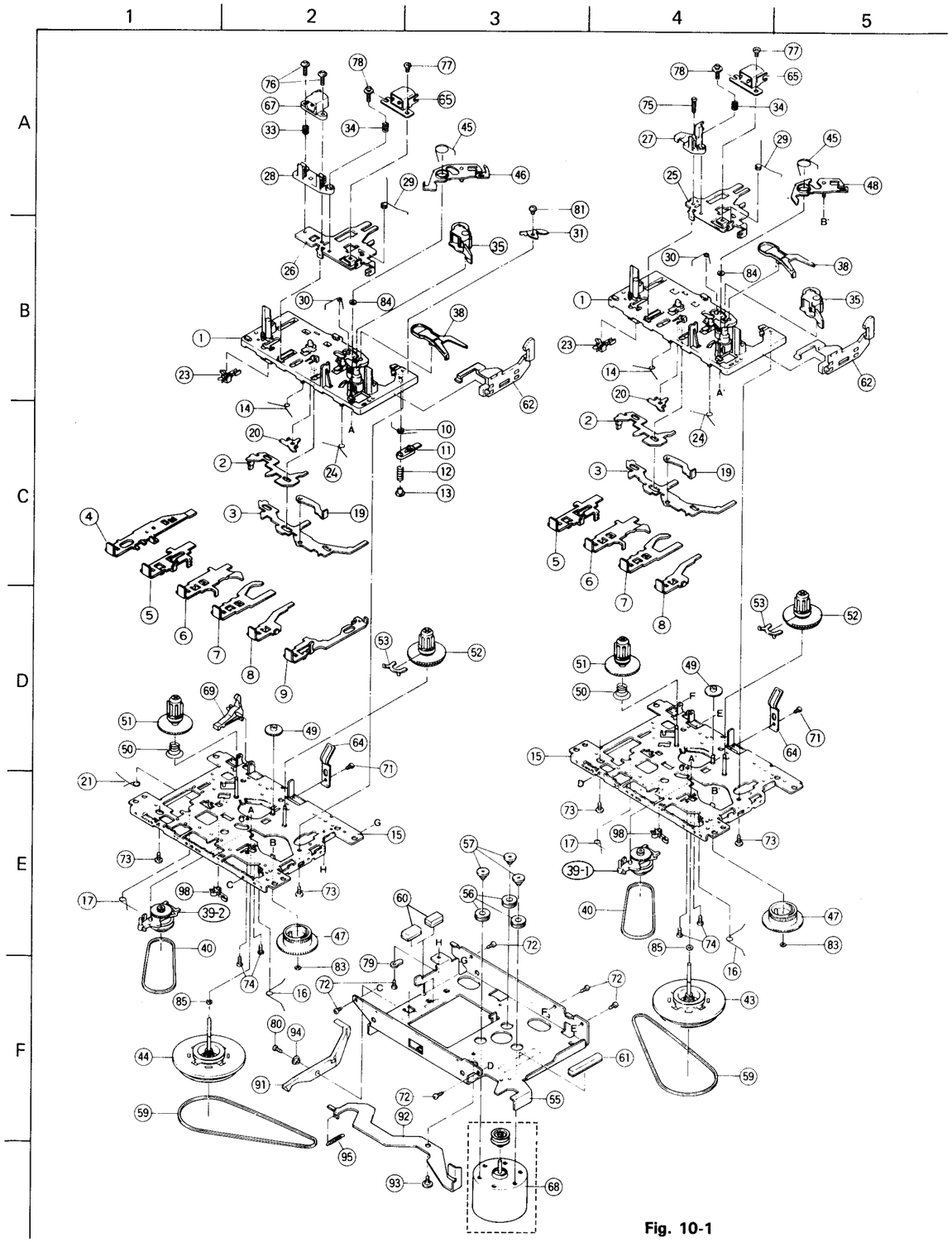


Fig. 10-1

Mechanism Component Parts List

⚠ parts are safety assurance parts.
When replacing those parts, make sure to use the specified one.

⚠	REF.	PARTS NO.	PARTS NAME	REMARKS	QTY
	1	192114301T	BASE ASS'Y		2
	2	19211409T	SWITCH PLATE		2
	3	19211438T	LOCK CAM		2
	4	19211422T	BUTTON LEVER	REC	1
	5	19211423T	BUTTON LEVER	PLAY	2
	6	19211424T	BUTTON LEVER	REW	2
	7	19211425T	BUTTON LEVER	FF	2
	8	19211426T	BUTTON LEVER	STOP	2
	9	19211427T	BUTTON LEVER	PAUSE	1
	10	19211413T	TORSION SPRING		1
	11	19211410T	PAUSE LEVER		1
	12	19211412T	SPRING		1
	13	19211411T	PAUSE STOPPER		1
	14	19211414T	TORSION SPRING	FF,REW	2
	15	192101501T	CHASSIS ASS'Y		2
	16	19211416T	TORSION SPRING		2
	17	19211417T	TORSION SPRING	PLAY	2
	19	182101159T	E.KICK LEVER		2
	20	19211420T	STTOPPER		2
	21	19211421T	TORSION SPRING	REC	1
	23	640101149T	LEAF SWITCH	MSW-1541T	2
	24	19211414T	TORSION SPRING	STOP	2
	25	19210301T	HEAD PANEL		1
	26	19210302T	HEAD PANEL		1
	27	19210304AT	HEAD BASE		1
	28	19210306T	HEAD BASE		1
	29	19210303T	TENSION SPRING		2
	30	19211418T	TORSION SPRING	SENSING LEVER	2
	31	19211434T	P.ROLLER ARM		1
	33	18210308T	SPRING		1
	34	18210307T	AZIMUTH SPRING		2
	35	192104301T	P.ROLLER ASS'Y		2
	38	19212604T	SENSING LEVER		2
	39-1	192107302T	RF CLUTCH ASS'Y		1
	39-2	192107301T	RF CLUTCH ASS'Y		1
	40	19210703T	REW/F.F. BELT		2
	43	192109304T	FLYWHEEL ASS'Y		1
	44	192109303T	FLYWHEEL ASS'Y		1
	45	19212605T	TORSION SPRING	GEAR PLATE	2
	46	192126502T	GEAR PLATE ASY.		1
	47	19212602T	CAM GEAR		2
	48	192126501T	GEAR PLATE ASY.		1
	49	18211070T	F.FORWARD GEAR		2
	50	18291010T	BACK TENS. SP.		2
	51	192105302T	SUPPLY REEL ASY		2
	52	192105301T	T-UP REEL ASS'Y		2
	53	19210506T	SENSER		2
	55	19211210T	MOTOR BRACKET		1
	56	18201306T	RUBBER CUSHION		3
	57	18211202T	COLLAR SCREW		3
	59	19210906T	MAIN BELT		2
	60	18201354T	MAT(MECHA.A)		2
	61	19211212T	MAT		1
	62	19211302T	EJ. SLIDE LEVER		2

⚠	REF.	PARTS NO.	PARTS NAME	REMARKS	QTY
	64	18291001T	PACK SPRING		2
	65	VGH0421-020	R / P HEAD		2
	67	ENZ6004-006	E HEAD		1
⚠	68	192112312ZT	MOTOR ASS'Y		1
	69	18211069T	REC.SAF.LEVER		1
	71	91790000T	TAPPING SCREW	M2 X 3	2
	72	91800000T	TH.TAP.SCREW	M2 X 4	6
	73	96790000T	TAPPING SCREW	2 X 5	4
	74	99991809T	SPECIAL SCREW	2 X 4.5	4
	75	90040000T	SCREW(M2 X 6)	M2 X 6	1
	76	92230000T	CAP SCREW	M2 X 7.5	2
	77	91150000T	SCREW(M2 X 3)	M2 X 3	2
	78	99220000T	SCREW(M2 X 7)	M2 X 7	2
	79	94800000T	LUG		1
	80	91820000T	SCREW	M2 X 6	1
	81	99992018T	SPECIAL SCREW		1
	83	94220000T	POLY.CUT WASHER	1.2 X 3.8 X 0.3	2
	84	99990313T	POLY.CUT WASHER	1.45 X 3.8 X 0.5	2
	85	97860000T	POLY WASHER	2 X 3.5 X 0.3	2
	91	19211209T	P KICK LEVER B		1
	92	182112154T	P KICK LEVER A		1
	93	18211223T	COLLAR SCREW		1
	94	18211265T	COLLAR		1
	95	18211225T	SPRING	P KICK LEVER A	1
	98	640101161T	LEAF SWITCH		2

11 Packing

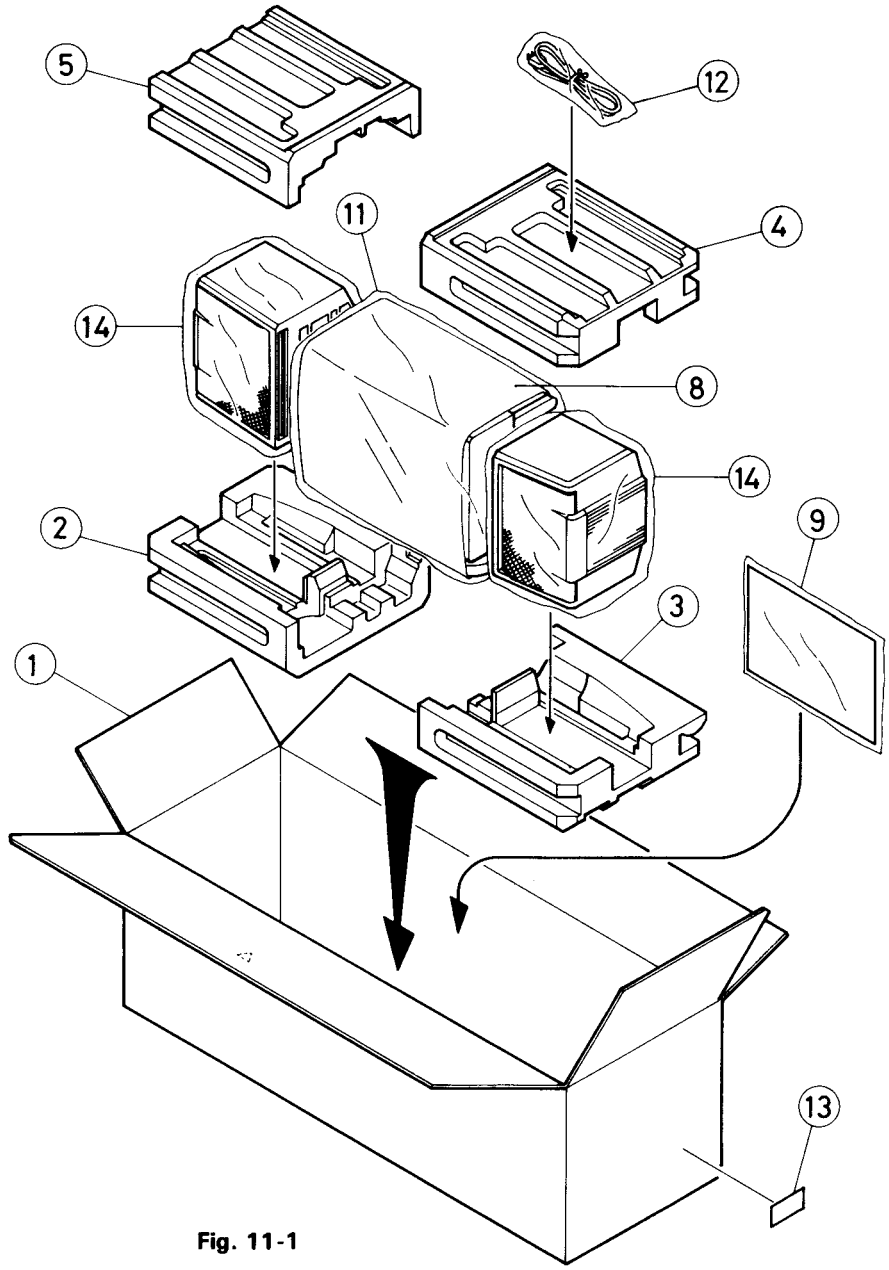


Fig. 11-1

⚠ parts are safety assurance parts.
When replacing those parts, make sure to use the specified one.

Packing Parts List

⚠	REF.	PARTS NO.	PARTS NAME	REMARKS	QTY
	1	VPC7043-001	CARTON		1
	2	VPH1447-001	CUSHION(BOTT,L)		1
	3	VPH1447-002	CUSHION(BOTT,R)		1
	4	VPH1448-001	CUSHION(U,RE,R)		1
	5	VPH1448-002	CUSHION(U,RE,L)		1
	8	VPK4002-016	SHEET		1
	9	VPE3005-026	POLY BAG		1
	11	VPE3005-004	POLY BAG		1
	12	QPGA012-02505	POLY BAG		1
	13	VND3044-003	S.TICKET (OR)		1
	14	VPE3005-018	POLY BAG	FOR SPEAKER	2

12 Accessories

⚠ parts are safety assurance parts.
When replacing those parts, make sure to use the specified one.

⚠	REF.	PARTS NO.	PARTS NAME	REMARKS	QTY
	1	BT20060	WARRANTY CARD	PC-X300B	1
		BT20066A	WARRANTY CARD	PC-X300B	1
		E43486-340B	SAFETY INST.SHE	PC-X300B	1
⚠		QMP9017-009BS	AC CORD	PC-X300B	1
		QZL1002-003	WARNING LABEL	PC-X300B	1
		VNN7043-211	INST BOOK		1
⚠	1	QMP3950-183	AC CORD	PC-X300E	1
		VNN7043-441	INST BOOK	BELGIUN/NETHERLAND	1

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